

State Data Center Cost Allocation Plan Fiscal Year 2011



Introduction (A)

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



Contents

The details of the cost allocation plan and resulting billing rates are presented in sections A through G. In summary these are:

- Introduction (Section A) - SDC background, CAP methodology, and explanation of terms.
- Budget Summary (Section B) - Summarized anticipated expenditures for personnel and operating expenses for the SDC.
- Budget Detail (Section C) - Itemized estimated expenditures for the SDC. Yearly salaries by position, fringe benefits, and itemized expense and equipment by cost center are identified and totaled to arrive at the total SDC operating budget.
- Utilization Estimates by Customer (Section D) - estimated utilization for each service available by customer.
- Billing Rate Derivation (Section E) - Itemized list of costs allocated to a specific service and the rate calculation for that service.
- Cost Estimates by Customer (Section F) - Estimated billings for each customer based on the customer's estimated utilization and the rate.
- Rate Comparison (Section G) - Comparison of the current rates to the rates for the past four years.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



Introduction

Background

The State Data Center (SDC) was established in 1977 by consolidating the Department of Revenue and Office of Administration computer centers. The consolidation was implemented to provide centralized computer services to several state agencies. The SDC Cost Allocation Plan documents the method used by the SDC in developing its billing rates for each of the data processing services provided to SDC customers. The authorization to develop rate structures and establish a charging system is provided for under the Omnibus Reorganization Act of 1974.

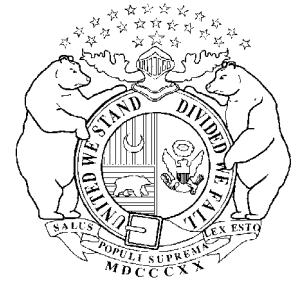
The SDC is responsible for providing quality, secure, mainframe data processing services, resources and solutions to meet our customer's business requirements in a cost effective manner.

The SDC is governed by a Steering Committee comprised of representatives from the major SDC customer agencies: Office of Administration, Departments of Economic Development, Health and Senior Services, Insurance, Labor and Industrial Relations, Mental Health, Natural Resources, Public Safety, Revenue, Social Services, Transportation, and the Office of Secretary of State, as well as representatives from the Office of Administration, Divisions of Accounting and Budget and Planning, House and Senate Appropriations Committees and Office of the State Auditor. The Steering Committee is chaired by a customer of the SDC on an annual rotation basis. It approves data center strategy and policy, the operating budget and charge-back rates.

Revolving Fund

"The Commissioner of Administration shall administer a revolving 'Administrative Trust Fund' which shall be established by the State Treasurer which shall be funded annually by appropriation and which shall contain moneys transferred or paid to the Office of Administration in return for goods and services provided by the Office of Administration to any governmental entity or to the public. The State Treasurer shall be the custodian of the fund and shall approve disbursements from the fund for the purchase of goods or services at the request of the Commissioner of Administration or his designee. The provisions of section 33.080, RSMo, notwithstanding, moneys in the fund shall not lapse, unless and then only to the extent to which the unencumbered balance at the close of any fiscal year exceeds one-eighth of the total amount appropriated, paid, or transferred to the fund during such fiscal year. The Commissioner shall prepare an annual report of all receipts and expenditures from the fund." RSMo 37.005.11

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**SDC STEERING COMMITTEE
CHARTER**

Authorization of the Data Center

The State Data Center (SDC) was established in the Office of Administration in 1977. The Omnibus Reorganization Act of 1974 provided authorization to the SDC to develop rate structures and establish a charging system for services it provides. These costs are billed through the revolving 'Administrative Trust Fund' as defined in RSMo 37.005.11.

The SDC is guided by a steering committee comprised of representatives from the SDC customer agencies, as defined in this charter. The SDC is subject to the Office of Administration's Policies and Procedures.

Name

The official name of this organization shall be the SDC Steering Committee.

Purpose of the SDC Steering Committee

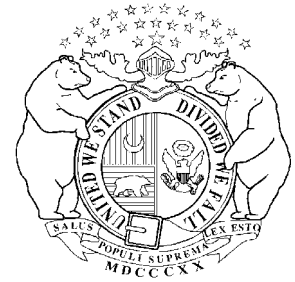
The purpose of the SDC Steering Committee is to set the direction for the services provided by the SDC through an annual strategic planning session, recommend the acquisition of hardware and software, approve the operating budget and charge-back rates, and approve such policies which guide the manner in which a customer will conduct business with the SDC.

Membership

Customer Agency Member

A Customer Agency is any agency with fiscal responsibility for an application that utilizes the State Data Center's resources. In the case of the Office of Administration, the Office of Administration, Information Technology Services Division shall be the official customer agency. An application shall be defined as a group of related programs designed to provide support of a business function. Report generators or utilities which are used to extract information from files built by an application are not considered applications. Leasing space for equipment does not qualify an agency to be a customer.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



Each agency shall name a primary and secondary member at the beginning of each calendar year. The list of members shall be published annually.

Both members may attend all Steering Committee meetings, at the discretion of the customer agency.

Ex Officio member

Agencies who receive services in some form from the SDC but are not fiscally responsible for applications requiring SDC resources may be ex officio members.

Representatives from specific governmental agencies will be invited to attend the SDC Steering Committee as ex officio members. The following may be ex officio members:

- A member of the House of Representatives' and Senate's Appropriations Committee staffs.
- Auditor's Office, as the office charged with the responsibility of auditing the financial activities of the state.
- Office of Administration, Division of Budget and Planning, as the reviewer of state agency budgets.
- Office of Administration, Division of Accounting, as the overseer of the Revolving Fund.
- Office of Administration, Information Technology Services Division, Finance and Administration, as the financial advisor of the SDC.

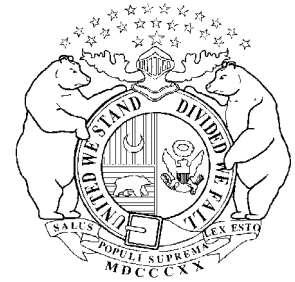
Voting

Each customer agency will have one vote.

The primary member is the voting member. In the absence of the primary member, the secondary member may vote.

Ex officio members may not vote.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



A quorum is required for all votes. A quorum is defined as a simple majority of the agency members.

All decisions will require a positive vote from 2/3 of the attending members.

Meetings

Regular quarterly meetings shall be held on the 4th Thursday of March, June, September and December, unless otherwise designated by the SDC Steering Committee Chair.

Special meetings shall be called by the Steering Committee Chair.

A strategic planning meeting will be held every May. The draft Cost Allocation Plan (CAP) will be presented at this meeting.

An agenda and materials to support a decision will be provided to all members two weeks prior to the quarterly meeting.

Minutes will be recorded by either the SDC or the Chair's Administrative Secretary, at the pleasure of the Chair, and forwarded to the SDC Steering Committee members within two weeks of the meeting.

Officers

Only representatives from agency customers may serve as an officer of the Steering Committee.

The officers of the SDC Steering Committee shall be the Chair and the Vice-Chair.

The Vice-Chair will succeed to the Chair the year following election.

Selection of the Vice-Chair

The Vice-Chair elect will be nominated by a Nominating Committee consisting of the incumbent officers, the SDC Manager and a member-at-large of the Steering Committee, who shall be elected by the Steering Committee to serve on the Nominating Committee. The Vice-Chair nominee will be presented at the September meeting for confirmation by a simple majority of the attending Steering Committee members.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



Chair Duties

The Chair will assume office in December of each year.

The Chair shall preside over and conduct all meetings, observing parliamentary procedure.

The Chair shall call special meetings, as required.

The Chair shall approve all agenda items.

The Chair shall approve meeting minutes prior to distribution.

The Chair shall preside over the nominating committee to select the Vice-Chair elect.

Vice-Chair Duties

The Vice-Chair shall assist the Chair in the discharge of his duties.

The Vice-Chair shall assume the duties of the Chair should the need arise.

The Vice-Chair will review the proposed agenda with the Chair and SDC Manager.

The Vice-Chair will review the draft of the meeting minutes with the Chair and the SDC Manager.

The Vice-Chair will assume the Chair after one year.

Filling of Vacancies

In the event the office of the Vice-Chair is vacant, either because of resignation or ascension to the Chair to complete a term of office, the Chair shall call a meeting of a special nominating committee. The committee shall consist of the immediate past Chair, the Chair, Manager of the SDC, and a member-at-large elected by the Steering Committee.

The nominating committee will submit the name of an agency member at the next meeting of the Steering Committee. A special meeting may need to be called to do this.

The nominee can serve just the un-expired term, if their agency is not able to make a commitment of time to complete the term and serve an additional year as Chair. In this event, the Nominating Committee which presents the slate at the October meeting will present both a Chair and Vice-Chair.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



Duties of the SDC

The SDC Administrative Secretary will reserve rooms for all meetings a year in advance. Rooms will be reserved for the fourth Thursday of every month. This will assure there is a meeting place if a special meeting is called. Unneeded rooms will be cancelled.

The Management Team of the SDC shall prepare a tentative agenda for the meetings and submit it to the Chair and Vice-Chair for approval.

The SDC Administrative Secretary shall distribute the agenda and any supporting materials required for discussion and/or decision to all members two weeks prior to the meeting.

The SDC Management Team will arrange the presentations for the Steering Committee. Some items will be presented by members of the team; others may be presented by committee members or an outside expert. It is the responsibility of the SDC to coordinate the presentations.

The SDC will prepare a preliminary CAP for the upcoming fiscal year and present it to the Customer Agencies by August 31 each year. Annually or upon request the SDC will prepare a membership list and distribute it to the members.

Annually SDC will prepare a calendar of regularly scheduled technical committee, customer, Production Support, Steering Committee, etc. meeting. This will be given to all Steering Committee members at the December meeting.

The SDC Manager will submit the minutes from the various customer and technical support committee meetings to the Steering Committee on a quarterly basis. The SDC Manager will research any issues raised by the Steering Committee and will report back to the Steering Committee with a written report within a month of the quarterly meeting.

Duties of the Steering Committee Members

The primary and/or secondary member from each customer agency shall attend all Steering Committee meetings. If an agency is unable to attend, the Chair will be notified prior to the meeting.

The voting member should be informed on the topic(s) to be decided at the meeting and should come prepared to vote.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



Members of the Steering Committee will be responsible to inform their respective agency staff of decisions made by the Steering Committee. The member will also be responsible for sharing any pertinent information received at the Steering Committee meetings with appropriate agency staff.

Members of the Steering Committee should share their agency's strategic plans at the annual SDC strategic planning meeting. If the direction changes within the year, the agency should so advise the Steering Committee.

Members of the Steering Committee shall participate in an annual evaluation regarding the services offered by the SDC.

Amendments

Proposed amendments to this charter must be presented to the Chair in writing. The Chair will present the amendment to the Steering Committee for approval. For the charter to be amended there must be a three fourths majority of the members present to vote. To pass, the amendment must receive a two thirds majority of the attending members.

Term of Charter

This charter becomes effective on September 28, 2000 and supersedes any preexisting charter. Modification of this charter, including cancellation, is done as prescribed in the amendments section of this charter. This charter shall remain in effect until such time as it is cancelled through amendment or a new charter is approved to supersede it.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



Cost Allocation Method

A cost-based development method was employed in establishing billing rates. The benefits of this cost based method are two. First, it is a full-cost recovery process. That is, both direct and indirect costs are included, which minimizes the potential problem of under/over recovery of the SDC's total budgeted costs. Second, each customer is treated in an equitable manner. That is, the rate is based upon the amount of resources used.

This method requires the development of a cost allocation plan which is accomplished through the execution of the following work steps.

1. Determine rate category for services provided - the types of customer services provided by the SDC are identified and approved by the Steering Committee.
2. Establish units of service - the unit of service used to measure the volume of service provided for each service type is established based on three major criteria:
 - a. relationship to the function performed
 - b. measurability
 - c. controllability by the customer
3. Compile customer estimated utilization - the estimated utilization by customer for each service provided is compiled. The individual estimates are then totaled to develop the basis for computation of the billing rate.

NOTE: Utilizations for FY10 were used as a basis for developing the FY11 estimates.

4. Identify types of cost - two basic types of cost are identified, allocated direct and allocated indirect. Allocated direct costs are those personnel and expense and equipment costs that can be directly identified with providing a type of service. Allocated indirect costs are related support costs that cannot be directly identified with providing a specific type of service.
5. Determine allocated direct costs - budgeted personnel and expense and equipment costs that can be directly identified with providing a specific type of service are accumulated to determine total allocated direct costs by type of service.
6. Determine allocated indirect costs - budgeted costs identified as allocated indirectly are prorated among the types of service.
7. Summarize total costs by service - total cost by service is determined by adding the direct and indirect allocated costs and job costs.
8. Calculate rate per unit of service - the rate per unit of service is calculated by dividing the total annual cost by the total estimated annual utilization.

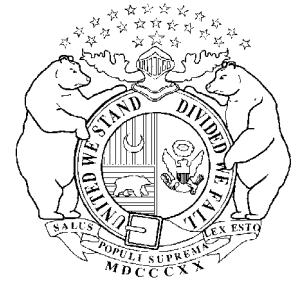
State Data Center Cost Allocation Plan Fiscal Year 2011



Explanation of Terms

- Allocated Direct - Personnel service and expense and equipment costs that are directly identified with providing a specific type of service. For example, CICS software product cost is directly allocated to CICS Transactions.
- Allocated Indirect - Personnel service and expense and equipment costs that are not identified as being directly attributable to a specific type of service. For example, office supplies is allocated pro-rata to all types of services.
- CICS Transaction - A CICS Transaction is a request, made at a workstation, for a display of information on the workstation or the storage of information being entered from the workstation.
- COOL:Gen (Composer) Service Units - A COOL:Gen Service Unit is a translation of CPU resources used for batch jobs and TSO transactions when using the COOL:Gen product.
- CPU Service Unit - CPU resources used for batch jobs, TSO transactions, CICS transactions, IDMS transactions, Roscoe transactions, FOCUS, and DB2 transactions are monitored and measured in CPU service units. Service units used by DB2 transactions are reported under CICS, TSO, and Batch.
- AD\Exchange - These are costs associated with Active Directory and Email services to the customers. Costs are based on the number of accounts and/or the amount of email being stored on the servers.
- Data Domain – A Data Deduplication and Replication Appliance used for backups .
- Data Storage Management (DSM) - Data Storage Management is the utilization of data storage on tape and on HSM DASD. Utilization is measured in gigabytes (billions of characters) allocated to customer and SDC data.
- DB2 Service Units - A DB2 Service Unit is a translation of resources used by the DB2 product.
- Direct Access Storage - Direct Access Storage is measured in gigabytes (billions of characters) allocated to customer and SDC data.
- IBM Global Network Shares (Advantis) - IBM Global Network charging is based on each customer's actual IBM Global Network dial usage plus a 10% Administration Fee.
- IDMS Run Unit - An IDMS run unit is an online or batch request to access data managed by the IDMS data base system.
- Laser Feet, Duplex Printing and Lines Printed - Print is based on lines printed (impact) or feet printed (laser/duplex) from the SDC mainframe printers.
- Job Costs - These are costs associated with backup, maintenance and monitoring of systems that are required to provide customer services. These costs are applied to the appropriate type of service.
- Tivoli Storage Management (TSM) – Is an IBM software product that is used by customers to backup their servers and desktops. Cost to customers is based on how much backup storage they occupy.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**

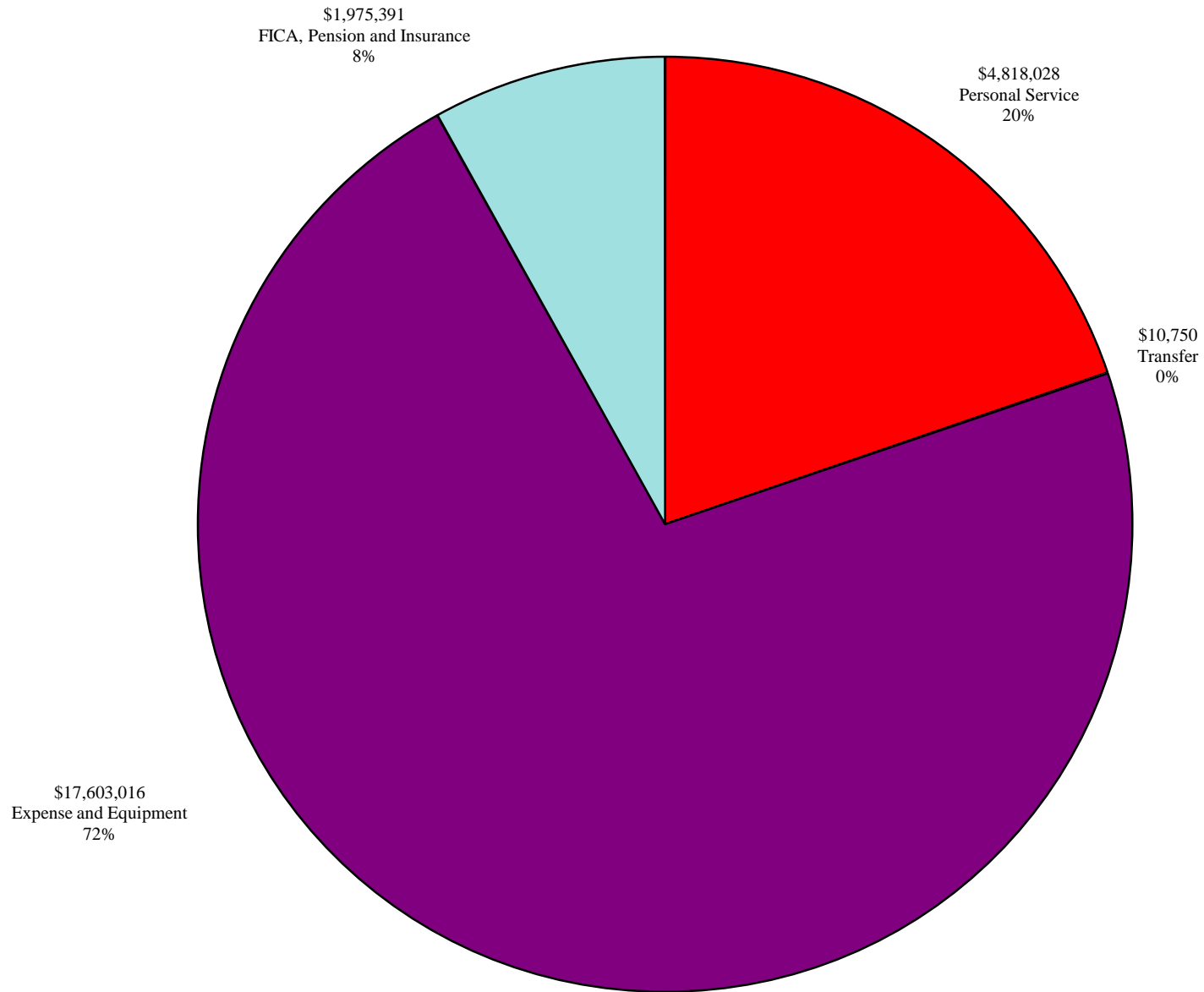


Explanation of Terms Continued

- SA N (Storage Area Network)- Disk Storage used by the Open System environment.
- Server Support – Server Support encompasses the many tasks of managing a physical server and it's infrastructure.
- VM (Virtual Machine) – A Virtual Machine is a technique using specialized software to combine images of multiple servers on a single machine.
- WAS (WebSphere Application Server) – IBM's J2EE application server providing a platform for running java applications with EJB, Web Services, and other Feature Packs.
- CPU Priority Adjustment - CPU Priority Adjustments are based on the batch job priority classes defined by the customers and the time of day for TSO usage. Low priority jobs are billed at 75 percent of the normal CPU billing rate. These jobs are processed during the second and third shifts. Class '1' jobs are billed at 65 percent of the normal CPU billing rate. These jobs are processed during weekends and holidays. TSO CPU, FOCUS CPU, and Roscoe CPU usage during non-prime hours (5 p.m. to 7 a.m.) is billed at 75 percent of normal CPU billing rate.

Budget Summary (B)

FY11 State Data Center Budget Summary



**State Data Center
Cost Allocation Plan
Fiscal Year 2011**

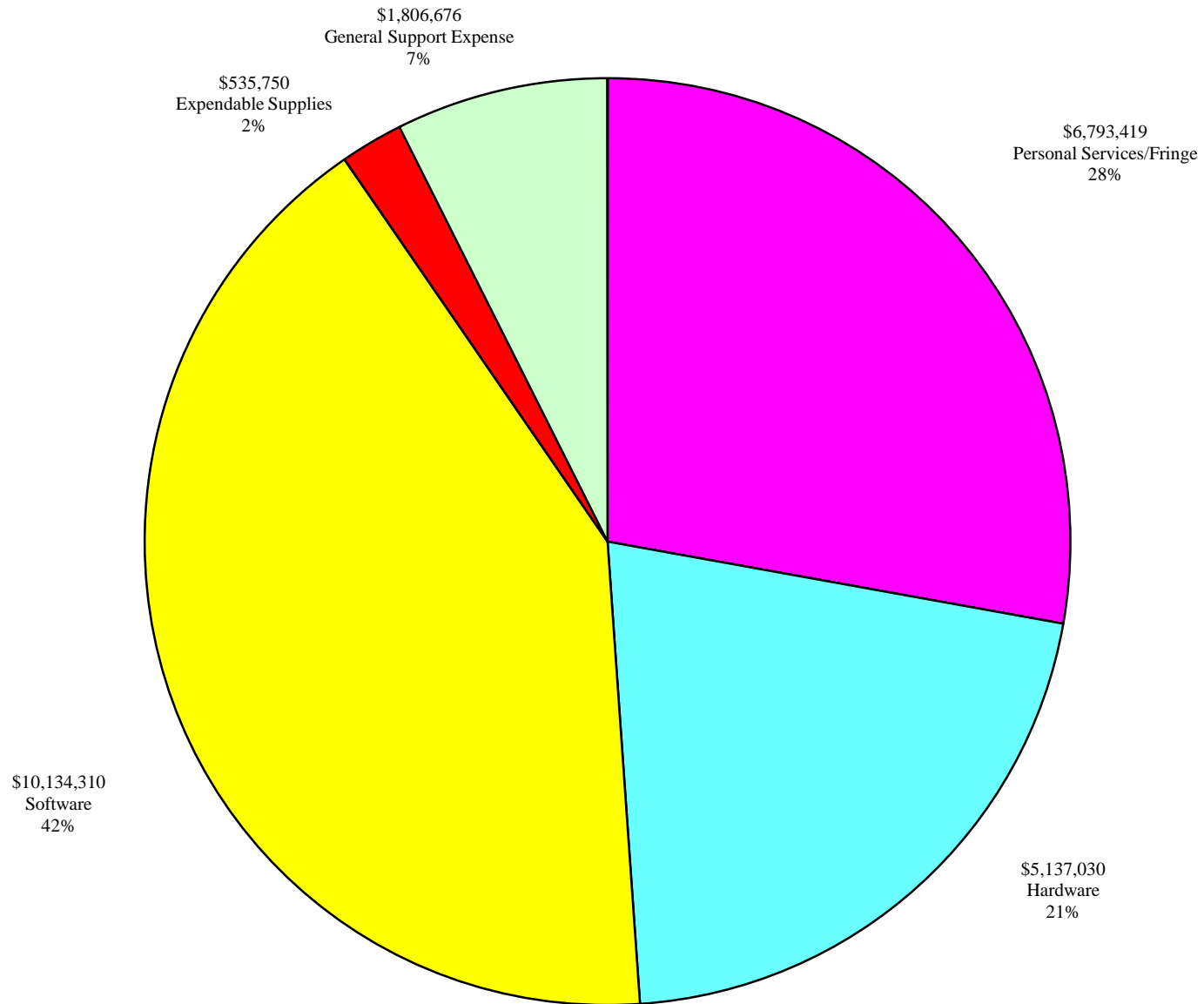


**FY11 Budget Summary
State Data Center**

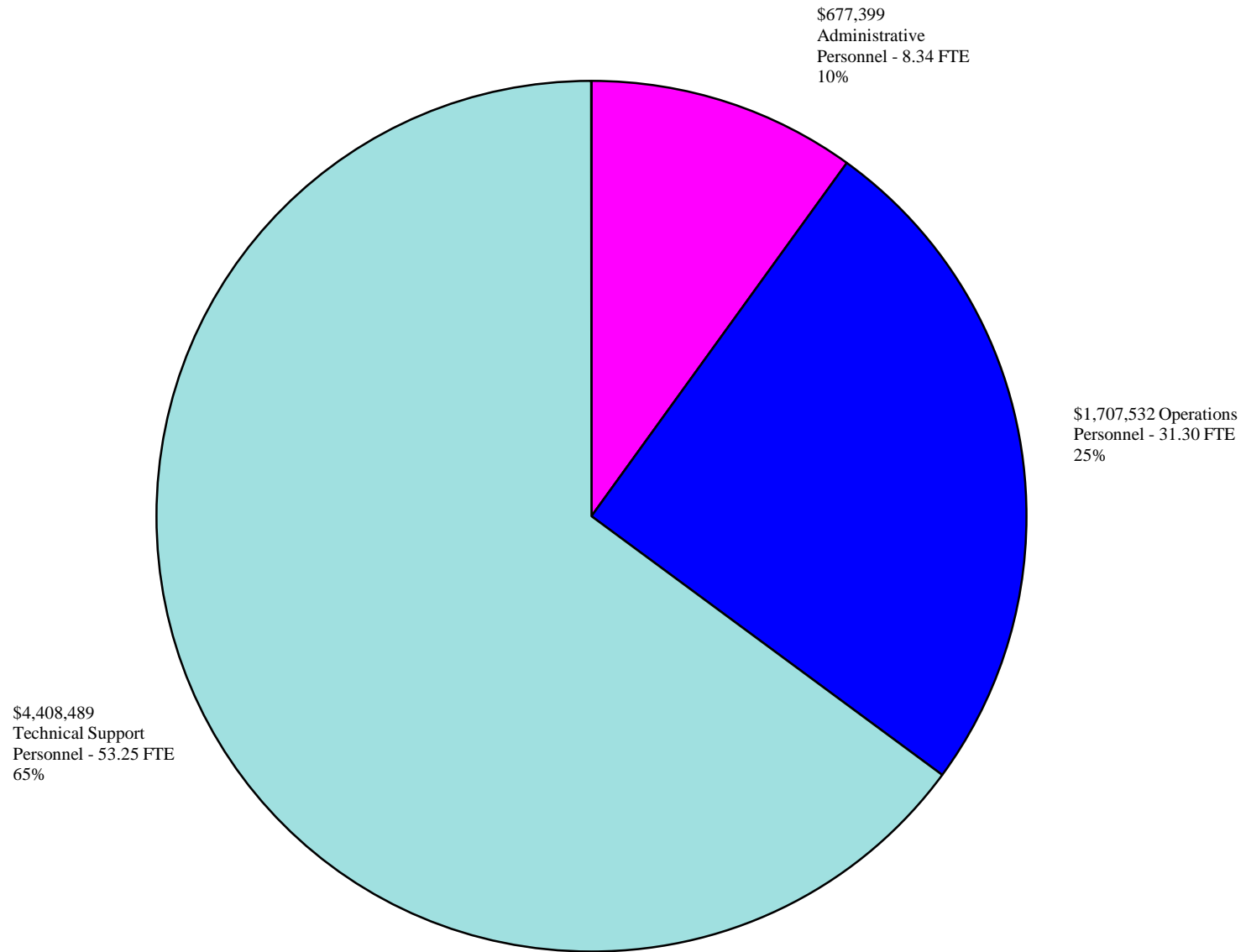
	<u>Revolving Fund</u>
Personal Service	\$4,818,027
Expense and Equipment	\$17,603,017
Transfers	\$10,750
FICA, Pension and Insurance	\$1,975,391
Total Budgeted Costs	<u>\$24,407,186</u>

Budget Detail (C)

FY11 State Data Center Object Code Allocations



FY11 State Data Center Personnel Allocation



**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Budget Detail
State Data Center**

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
Personnel			
Administrative Personnel			
1	Accounting Analyst III (.25 FTE)	6,966	13,933
2	Accounting Specialist I (.25 FTE)	10,626	10,626
3	Accounting Specialist II (.25 FTE)	11,562	11,562
4	Accounting Specialist III	38,441	51,156
5	Administrative Office Support Assistant (.25 FTE)	6,344	6,344
6	Administrative Office Support Assistant (.25 FTE)	6,943	6,943
7	Administrative Sr. Office Support Assistant (.29 FTE)	10,242	10,242
8	CIO (.29 FTE)	34,985	34,985
9	Computer Information Technology Manager I (.29 FTE)	16,449	20,286
10	Computer Information Technology Specialist I (.29 FTE)	16,141	16,141
11	Computer Information Technology Specialist III (.29 FTE)	17,486	17,486
12	Computer Information Technology Supervisor II	56,678	56,678
13	Deputy for Administration (.29 FTE)	24,958	24,958
14	Deputy for Infrastructure (.29 FTE)	24,958	24,958
15	Deputy for Operations (.29 FTE)	26,435	26,435
16	Executive I (.25 FTE)	8,661	8,661
17	Executive II (.25 FTE)	10,015	10,015
18	Executive II (.29 FTE)	10,990	10,990
19	Fiscal & Administrative Manager Band 2 (.25 FTE)	14,469	14,469
20	Fiscal & Administrative Manager Band 2 (.25 FTE)	16,769	16,769
21	Miscellaneous Technical (.15 FTE)	4,214	4,214
22	Office Of Administration Manager Band 2 (.29 FTE)	21,541	21,541
23	Procurement Officer I (.25 FTE)	11,055	11,055
24	Procurement Officer II (.25 FTE)	12,021	12,021
25	Section Manager Div Of Information Services (.29 FTE)	20,853	20,853
26	Special Asstistant Professional (.29 FTE)	17,103	17,103
Total Administrative Personnel		\$456,905	\$480,425
Computer Operations Personnel			
1	Computer Information Technologist II	46,999	0
2	Computer Information Technologist III	43,142	0
3	Computer Information Technologist Trainee\I\II\III	46,031	0
4	Computer Information Technology Specialist I	46,999	0
5	Computer Information Technology Supervisor I (.30 FTE)	17,713	17,713
6	Computer Operations Supervisor I	45,133	45,133
7	Computer Operations Supervisor I	44,868	44,868
8	Computer Operations Supervisor I	43,142	43,142
9	Computer Operations Supervisor I	46,999	46,999
10	Computer Operations Supervisor I	46,031	46,031
11	Computer Operations Supervisor II	46,031	46,031
12	Computer Operator I	36,349	36,349
13	Computer Operator I	34,326	34,326
14	Computer Operator I	37,063	37,063
15	Computer Operator I	29,164	29,164
16	Computer Operator II	34,988	34,988

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Budget Detail continued

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
17	Computer Operator II	30,273	30,273
18	Computer Operator II	26,259	26,259
19	Computer Operator II	32,532	32,532
20	Computer Operator II	26,680	26,680
21	Computer Operator II	33,122	33,122
22	Computer Operator III	30,820	30,820
23	Computer Operator III	35,634	35,634
24	Computer Operator III	44,868	44,868
25	Computer Operator III	43,142	43,142
26	Computer Operator III	29,611	29,611
27	Computer Operator Trainee	28,139	28,139
28	Computer Operator Trainee	22,231	22,231
29	Computer Operator Trainee	25,810	25,810
30	Information Technologist I	43,984	43,984
31	Information Technologist II	39,170	39,170
32	Information Technologist II	37,023	37,023
33	Information Technologist III	41,680	41,680
34	Information Technologist III	48,964	48,964
35	Information Technologist IV	48,964	48,964
36	Manager of Operations	60,304	60,304
	Operations Overtime	20,000	20,000
Total Computer Operations Personnel		\$1,394,187	\$1,211,016
Technical Support Personnel			
1	Computer Information Technologist I (.75 FTE)	24,431	24,431
2	Computer Information Technologist I (.8 FTE)	35,634	28,507
3	Computer Information Technology Manager I (.5 FTE)	67,079	27,083
4	Computer Information Technology Specialist I	43,322	49,104
5	Computer Information Technology Specialist I	58,970	61,620
6	Computer Information Technology Specialist I	40,756	52,200
7	Computer Information Technology Specialist I	49,932	49,932
8	Computer Information Technology Specialist I	46,999	46,999
9	Computer Information Technology Specialist I	55,448	55,448
10	Computer Information Technology Specialist I	54,283	54,283
11	Computer Information Technology Specialist I	65,693	65,693
12	Computer Information Technology Specialist I	52,038	52,038
13	Computer Information Technology Specialist I	50,070	50,070
14	Computer Information Technology Specialist I	73,103	73,103
15	Computer Information Technology Specialist I	53,174	54,360
16	Computer Information Technology Specialist I	59,041	59,041
17	Computer Information Technology Specialist I	51,153	51,153
18	Computer Information Technology Specialist I	51,013	51,013
19	Computer Information Technology Specialist I	61,553	61,553
20	Computer Information Technology Specialist I	62,914	62,914
21	Computer Information Technology Specialist I	53,174	53,174
22	Computer Information Technology Specialist I	60,304	60,304

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Budget Detail continued

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
23	Computer Information Technology Specialist I	62,914	62,914
24	Computer Information Technology Specialist I	0	60,324
25	Computer Information Technology Specialist I	0	49,104
26	Computer Information Technology Specialist I	0	50,076
27	Computer Information Technology Specialist I	0	48,084
28	Computer Information Technology Specialist I (.5 FTE)	31,457	31,457
29	Computer Information Technology Specialist I (.5 FTE)	30,776	30,776
30	Computer Information Technology Specialist I (.5 FTE)	34,972	34,972
31	Computer Information Technology Specialist II	37,725	53,292
32	Computer Information Technology Specialist II	60,304	61,620
33	Computer Information Technology Specialist II	54,283	54,283
34	Computer Information Technology Specialist II	62,914	62,914
35	Computer Information Technology Specialist II	55,448	55,448
36	Computer Information Technology Specialist II	55,448	55,448
37	Computer Information Technology Specialist II	59,041	59,041
38	Computer Information Technology Specialist II	71,602	71,602
39	Computer Information Technology Specialist II	59,339	59,339
40	Computer Information Technology Specialist II	64,276	64,276
41	Computer Information Technology Specialist II	67,079	67,079
42	Computer Information Technology Specialist II	74,787	61,620
43	Computer Information Technology Specialist II	0	57,864
44	Computer Information Technology Specialist II	0	61,620
45	Computer Information Technology Specialist II (.8 FTE)	45,795	46,292
46	Computer Information Technology Specialist II (.8 FTE)	67,097	53,678
47	Computer Information Technology Specialist III	70,058	70,058
48	Computer Information Technology Specialist III	74,787	74,787
49	Computer Information Technology Specialist III (.8 FTE)	62,914	50,332
50	Computer Information Technology Specialist III (.8 FTE)	67,097	53,678
51	Computer Information Technology Supervisor I	55,397	55,397
52	Computer Information Technology Supervisor II	68,584	69,948
53	Computer Information Technology Supervisor II	67,097	67,097
54	Director of State Data Center (.5 FTE)	0	39,996
55	Information Technologist IV	48,964	48,964
56	Information Technologist IV	46,999	46,999
57	Information Technologist IV	47,184	47,184
	Technical Support Overtime	45,000	45,000
Total Technical Support Personnel		\$2,819,422	\$3,126,587
Total Personnel		\$4,670,514	\$4,818,027
Total Fringe Benefits		\$1,868,206	\$1,975,391
Total Personnel and Fringe Benefits		\$6,538,720	\$6,793,419
Normalized Salary for Computer Operations Personnel		\$1,211,016 / 31.3 =	\$38,691
Normalized Salary for Technical Support Personnel		\$3,126,587 / 53.25 =	\$58,715

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Budget Detail continued

Item Number	Description	\$ FY10 CAP	\$ FY11 CAP
Hardware Lease			
101	ATL Upgrade	0	0
102	Blade Center Lease	0	73,843
103	CPU	1,429,523	890,319
104	CPU Annual Growth Upgrades	300,000	642,800
105	DASD	0	0
106	DASD Growth	330,400	330,400
107	External Coupling Facility	70,665	0
111	High Density Tape Drive (VTSM) Growth	50,000	50,000
113	SAN DASD	180,000	0
114	VSM Upgrade	135,000	135,000
116	InfoPrint 4000 Upgrade	400,000	300,000
Total Hardware Lease		\$2,895,588	\$2,422,362
Hardware Maintenance			
203	Automatic Tape Library	0	0
204	CPU	395,964	381,368
205	DASD	9,500	9,500
213	Escon Director	36,664	0
214	External Coupling Facility	20,817	22,898
216	High Density Tape Drive / Escon Drives	81,530	0
217	Local Communications Controller	1,743	430
219	Modem Enclosure	319	319
222	Print Unwinder/Job Sep/CTS	85,825	85,825
223	Printer Usage	181,000	181,000
224	Printer-Impact	6,000	6,000
225	Printer-Laser	86,967	86,967
227	Remote Communications Controller	9,724	9,724
230	Service Processor	723	723
231	Server and Server Storage	93,493	286,493
233	GTX Qualifier Maintenance	0	2,000
234	Tape Unit	106,383	41,864
236	FICON Directors	0	18,000
237	Virtual Tape	0	0
239	Batteries/UPS Maintenance	36,071	40,000
240	Generator Maintenance	6,397	7,037
241	Console Support Controller	1,229	1,229
242	Servers - Maintenance Renewals	26,875	21,600
Total Hardware Maintenance		\$1,187,224	\$1,202,977
Software Lease			
301	ACF/NCP	10,380	10,380
302	ACF/SSP	17,352	17,352
303	Amdahl TDMF Data Mover	20,286	20,286
304	ASF V3 Base plus Document Writing	21,132	21,132
305	BMC Mainview	76,000	76,000
306	CICS Transaction Gateway	0	15,450

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Budget Detail continued

Item Number	Description	\$ FY10 CAP	\$ FY11 CAP
307	CICS/TS V5	941,934	966,684
308	COBOL for OS/390 & VM Alt	116,796	132,828
309	MacKinney Software	6,495	6,495
310	DCF Base	25,428	25,428
313	DSF/DSS/HSM OS/390 V2	130,164	133,764
318	HSM Fast Audit Software	5,405	5,405
319	IBM Websphere App Svr V5 (WAS for z/OS)	32,849	36,134
321	Interactive Output Facility (IOF)	6,020	6,020
324	WebSphere MQ for Z/OS	312,972	312,972
326	Network Tuning Monitor	5,676	0
328	OGL/370 V1	4,752	4,752
329	OS/390 Version 2	1,900,314	1,947,564
330	AFP Toolbox for MVS	6,876	6,876
331	PL/1 Alternate Function	120,396	120,396
332	PSF/MVS	20,748	20,748
333	SDF II MVS	24,828	24,828
335	NetView	233,934	0
338	DB2 for Z/OS V9	812,496	834,096
341	UDB - DB2 Utilities Suite	26,865	26,865
343	Antivirus For Exchange	95,040	95,040
Total Software Lease		\$4,975,138	\$4,867,495
Software Maintenance			
401	Blade Center Software Maintenance	94,779	0
402	Box Score / Capacity Planning	3,000	0
403	CA All Fusion	30,672	30,672
404	CA Intertest W/XA-ESA-Batch	70,561	74,695
405	CA Intertest W/XA-ESA-CICS	97,439	103,147
406	CA Librarian	158,841	168,147
408	CA Restart/Recover (CA11)	51,252	54,254
409	CA Roscoe	42,597	0
410	CA Scheduling Package (CA7)	151,150	160,006
411	CA TMS (CA1)	56,435	59,741
412	CA UNIPAK	1,375,384	1,455,968
413	IBM Tivoli Omegamon DE V3	35,460	39,006
414	IBM Tivoli Omegamon XE CICS V3	69,053	75,959
415	CL/Supersession for z/OS	70,298	77,328
416	IBM Tivoli Omegamon XE DB2 V4	64,076	70,484
417	IBM Tivoli Omegamon XE z/OS V2	88,961	97,858
418	Catalog Recovery Software	19,812	20,701
419	DB2 Connect	28,200	10,328
420	Allen System Group Job Scan/Docu Text	36,277	38,091
421	Document Management Systems (MOBIUS)	77,729	80,061
422	Dumpmaster MVS	95,144	99,902
423	Group 1 Software MailStream Plus	8,042	10,537
424	Group 1 Software Zip+4 (Code-1 Plus)	11,260	24,087

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Budget Detail continued

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
425	IBI FOCUS	525,000	525,000
427	GW	0	49,000
428	Tivoli WAS\ND	48,000	48,000
429	Insync MVS	77,589	81,469
430	IPSwitch Renewal	5,000	5,000
431	Application Time Facility (Tic Toc)	5,715	6,287
432	DB2 LUW	0	7,894
433	LOTUS Domino V6	13,886	13,886
434	Connect:Direct	10,000	10,000
435	Merrill Consultants MXG	3,000	3,000
436	MVS Quick Reference	29,524	31,886
437	Microsoft Premiere Support	92,397	92,397
439	Office Path/TSO & SNADS	14,945	0
440	Platinum DB2 Tools	319,332	338,042
441	RevealNet Reveal for DB2	2,760	2,760
443	SAS Base	153,050	153,050
444	SAS/ STAT	96,780	96,780
445	SAS/ACCESS	96,780	96,780
447	SAS/ETS	48,390	48,390
452	SI SyncSort	20,557	22,613
454	SPC Systems - COBOL Report Writer Precompiler	2,583	2,713
457	Storage Tech ExPert Library Manager	4,824	0
458	Storage Tech Host Software Component	8,700	0
460	Tivoli Storage Management	18,000	187,000
463	Vanguard Security Reporter	45,580	47,859
464	DB2 Buffer Pool Tool	23,358	23,358
465	GW - Technical Support	3,000	0
466	BMC Event Manager	15,000	15,000
468	SQL	0	70,000
471	Security Software	2,008	0
472	SDI TN3270 Emulation	9,491	11,944
473	UDB-DB2 Utilities Suite Maintenance	23,220	0
474	Server Software - Maintenance Renewals	60,479	308,736
475	GSF STEPLIB/LLIBEF	3,000	3,000
476	What's Up	0	4,000
477	SAN Software	0	150,000
Total Software Maintenance		\$4,518,370	\$5,206,816
Hardware Purchase			
503	Blade Center Hardware Purchase	340,367	0
504	SAN - New/Replacement Purchases	201,600	432,782
505	Deduplication/Replication Purchase	0	200,000
507	Server Storage Upgrades	0	0
509	Tools for Staff	38,000	38,000
510	Servers - New/Replacement Purchases	211,000	211,000
511	TSM Hardware Purchase	275,800	413,549

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Budget Detail continued

Item Number	Description	\$ FY10 CAP	\$ FY11 CAP
514	VM Hardware Purchase	62,384	216,360
	Total Hardware Purchase	\$1,129,151	\$1,511,691
	Software Purchase		
602	SDC LAN	7,500	0
603	Software Upgrade	0	0
604	Blade Center Software Purchase	121,200	0
605	Server Software - New Purchases	0	0
606	TSM Software Purchase	0	0
607	VM Software Purchase	19,677	60,000
	Total Software Purchase	\$148,377	\$60,000
	Expendable Supplies		
701	Magnetic Tapes & Supplies	30,000	60,000
702	Open System Tapes & Supplies	30,000	0
703	Network Supplies	5,000	5,000
704	Paper and Forms	245,000	285,000
705	Paper Storage and Transport Transfer	10,750	10,750
706	Printer Supplies	115,000	175,000
	Total Expendable Supplies	\$435,750	\$535,750
	General Support Expense		
801	Blade Center Software Maintenance	600	0
802	Consulting Service	65,000	65,000
803	Contracted Personnel	0	0
804	Disaster Recovery	500,000	500,000
805	IBM Global Network(Advantis)	30,000	10,000
806	Internet Access	1,500	1,500
807	IBM Server Support Line	22,994	45,000
808	MAN Connection/ANS Support/RLS Charges	81,000	112,800
810	Open Systems DR	0	81,720
811	Office Supplies, Equipment and Maintenance	12,500	12,500
812	Cell Phone	6,000	6,000
813	PDU/FDC	40,000	100,000
814	Postage/Inter Agency Mail Delivery	2,500	4,300
815	Printing and Binding	3,500	3,500
816	Racks,Cabinets, Furniture & Building Changes	60,000	100,000
817	Reserve for Unplanned Expense	95,000	300,000
818	S390 SoftwarExcel	212,588	212,588
819	Security Services	25,000	25,000
820	Subscriptions & Publications	5,000	5,000
821	Telephone Service and Equipment	57,500	57,500
822	Training & Professional Development	90,000	90,000
823	Travel	27,500	27,500
825	VPN - Access Charge	9,268	9,268
827	SSL Certificates	20,000	20,000
829	Shredding	1,500	1,500

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Budget Detail continued

Item Number	Description	\$ FY10 CAP	\$ FY11 CAP
830	SAN/NAS Support Line	0	10,000
831	Subscription Support - Group 1 Software Zip+4 (Code-1 Plus)	11,680	0
832	Subscription Support - Group 1 MailStream Plus	1,992	0
833	RedHat/JBoss Support	0	6,000
	Total General Support Expense	\$1,382,622	\$1,806,676
Cost Adjustment			
900	Retained Earnings	0	0
	Total Cost Adjustment	\$0	\$0
Total Expense + Equipment:		\$16,672,220	\$17,613,767
Grand Total		\$23,210,940	\$24,407,186

Utilization Estimates (D)

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Utilization Estimate Assumptions

The majority of the agency utilization estimates for each of the service categories were based on the 3rd quarter FY10 usage. The 3rd quarter included January, 2010 through March, 2010 data. This was the most recent quarterly data available for completion of the FY11 CAP and is the basis of the FY11 utilization estimates for most agencies. Adjustments to the 3rd quarter data are explained below as well as further explanation of the year to date and current quarter utilization.

Year To Date Utilization: is based on 9 months of actual data (July-09 through Mar-10) annualized. The total utilization for the 9 months is divided by 9 (number of months of data) to equal an average month and then multiplied by 12, for a yearly total. The categories are then increased by the percentages below. Only the Department of Revenue's utilization was estimated using the Year-to-Date data because of its seasonal usage.

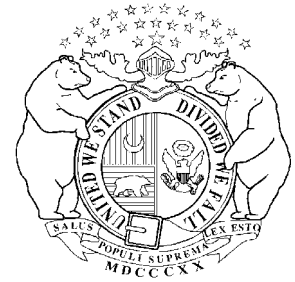
Current Quarter Utilization: is based on the most recent quarter (3rd) of actual data annualized. This includes January, February and March, 2010 data. The total utilization for the quarter is divided by 3, (number of months of data) to equal an average month and then multiplied by 12, for a yearly total. The categories are then increased by the percentages below. A agency's FY11 usage was based on the current quarter data except for the Department of Revenue.

Category of Service

Standard Adjustments

CICS Transactions	3% standard growth rate for all agencies.
CPU	Straight Utilization, flat growth, no increase for FY11.
Data Storage Management (DSM)	Straight Utilization, flat growth, no increase for FY11.
DB2	5% standard growth rate for all agencies.
Disk Storage (DASD)	10% standard growth rate for all agencies.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Utilization Estimate Assumptions Continued

Other Utilization Notes

- Dept. of Revenue is Year To Date Utilization (9 months of actual utilization annualized) as opposed to current quarter.

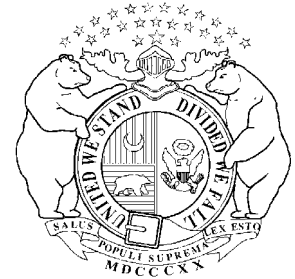
**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Utilization Estimates by Customer

<u>Agency</u>	<u>CICS Transactions</u>	<u>All Fusion Service Units</u>	<u>CPU Service Units</u>
Senate	42,930	0	23,944,200
House of Representatives	121,659	0	152,189,348
Legislative Research	16,900	0	2,271,888
State Courts Administrator	1,291,418	0	644,598,525
Secretary of State	508,676	0	995,086,805
Auditor	85,441	0	91,652,862
Treasurer	79,306	0	23,694,805
Attorney General	307,842	0	129,536,718
OA/ITSD Systems & Programming	644,978	289,712,692	10,622,651,212
OA/Missouri Ethics Commission	9,085	0	4,218,448
OA/Depty Commissioner	293,113	0	352,452,075
OA/Accounting	4,586,495	0	4,352,176,670
OA/Budget and Planning	298,045	0	142,591,909
OA/ITSD Production	13,523,253	616,299,288	63,488,836,075
OA/Design and Construction	319,098	0	161,954,083
OA/Personnel	10,937,970	0	2,336,673,956
OA/Purchasing	767,956	0	559,729,873
OA/General Services	2,764,994	0	1,092,807,429
OA/Facilities Management	847,365	0	467,661,024
OA/Administrative Hearing Commission	11,297	0	3,797,972
OA/OIT	0	0	0
Dept of Agriculture	497,647	0	153,723,815
Dept of Insurance	467,628	0	695,201,886
Dept of Conservation	748,575	0	309,904,245
Dept of Economic Development	2,328,917	0	3,108,493,412
Dept of Elementary & Secondary ED	2,409,751	0	3,577,382,191
Dept of Higher Education	173,782	0	210,649,448
Dept of Health & SS	32,297,900	0	19,416,509,142
Dept of Transportation	19,666,841	0	7,909,954,897
Dept of Labor & Industrial Relation	211,272,018	75,528	73,056,797,472
Dept of Mental Health	10,177,834	50,100	17,110,145,043
Dept of Natural Resources	6,389,106	0	9,011,453,001
Dept of Public Safety	2,676,929	0	1,923,388,745
Missouri State Highway Patrol	623,065,631	589,143,148	133,943,017,467
Kansas City Police Dept	22,214,348	0	1,227,295,984
ReJIS	68,254,318	0	4,006,910,820
Dept of Revenue	135,602,403	0	217,649,136,210
Lottery Commission	173,613	0	48,218,951
State Tax Commission	55,529	0	12,396,188
Highway Reciprocity Commission	0	0	0
Dept of Social Services	1,592,190,567	10,648,200,344	653,145,935,687
Dept of Corrections	9,723,501	0	2,863,982,864
Others	1,497,002	0	222,424,272
Agency Total :	2,779,341,657	12,143,481,100	1,235,251,447,617
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	0
CPU Job Costs	0	0	0
DB2 Job Costs	0	0	0
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
Job Costs :	0	0	0
Grand Total :	2,779,341,657	12,143,481,100	1,235,251,447,617

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Utilization Estimates by Customer

<u>Agency</u>	<u>Tivoli Storage Management</u>	<u>Data Storage Management</u>	<u>DB2 Service Units</u>
Senate	0	0	23,453,170
House of Representatives	0	0	155,773,514
Legislative Research	0	0	2,065,262
State Courts Administrator	0	2,320	577,168,284
Secretary of State	0	1,647	825,138,166
Auditor	0	74,363	67,240,152
Treasurer	0	1,088	21,799,394
Attorney General	0	0	135,342,400
OA/ITSD Systems & Programming	24,973,751	1,122,873	5,248,729,924
OA/Missouri Ethics Commission	0	0	4,343,846
OA/Depty Commissioner	0	0	392,272,604
OA/Accounting	0	6,013	4,111,121,725
OA/Budget and Planning	0	0	119,958,455
OA/ITSD Production	1,213,164	8,094,840	31,236,522,416
OA/Design and Construction	0	7,712	125,561,600
OA/Personnel	0	788	1,695,758,350
OA/Purchasing	0	18	380,017,260
OA/General Services	0	18,971	1,028,558,626
OA/Facilities Management	3,273,274	2,503	430,713,969
OA/Administrative Hearing Commission	0	0	3,831,916
OA/OIT	0	0	0
Dept of Agriculture	0	0	180,214,205
Dept of Insurance	2,385,387	4,334	759,066,693
Dept of Conservation	0	0	283,740,269
Dept of Economic Development	0	268,890	1,173,672,154
Dept of Elementary & Secondary ED	0	4	2,359,655,008
Dept of Higher Education	0	0	149,023,409
Dept of Health & SS	0	617,406	12,964,875,172
Dept of Transportation	0	571	7,732,412,516
Dept of Labor & Industrial Relation	0	7,632,953	8,243,960,823
Dept of Mental Health	74,952,060	3,359,672	16,709,200,612
Dept of Natural Resources	0	662,231	8,544,980,241
Dept of Public Safety	3,293,737	1	2,145,104,741
Missouri State Highway Patrol	0	1,387,046	59,035,952,039
Kansas City Police Dept	0	0	0
ReJIS	205,319	0	0
Dept of Revenue	52,420,795	15,657,615	177,327,203,175
Lottery Commission	0	0	48,100,277
State Tax Commission	0	3	13,018,085
Highway Reciprocity Commission	0	2,728	0
Dept of Social Services	0	26,293,831	732,748,892,644
Dept of Corrections	3,645,128	0	2,960,716,975
Others	0	0	113,295,546
Agency Total :	166,362,615	65,220,424	1,080,078,455,617
FOCUS Job Costs	0	0	0
CICS Job Costs	0	910,018	0
CPU Job Costs	105,722,513	20,124,939	0
DB2 Job Costs	0	1,880,326	0
IDMS Job Costs	0	150,792	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
Job Costs :	105,722,513	23,066,075	0
Grand Total :	272,085,127	88,286,499	1,080,078,455,617

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Utilization Estimates by Customer

<u>Agency</u>	<u>Direct Access</u>	<u>AD User ID</u>	<u>AD Exchange</u>
	<u>Storage</u>		<u>Mailboxes</u>
Senate	0	0	0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	4	24	0
Secretary of State	174	0	0
Auditor	285	0	0
Treasurer	20	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	390,227	3,408	10,600
OA/Missouri Ethics Commission	0	12	440
OA/Depty Commissioner	0	0	0
OA/Accounting	756	0	0
OA/Budget and Planning	0	0	0
OA/ITSD Production	864,419	0	0
OA/Design and Construction	334	0	0
OA/Personnel	3,358	0	0
OA/Purchasing	14	0	0
OA/General Services	1,177	0	0
OA/Facilities Management	90	380	7,008
OA/Administrative Hearing Commission	0	0	0
OA/OIT	0	0	0
Dept of Agriculture	0	272	4,068
Dept of Insurance	25	492	7,940
Dept of Conservation	2	24	0
Dept of Economic Development	23,184	4,020	10,384
Dept of Elementary & Secondary ED	0	8,180	14,632
Dept of Higher Education	0	436	1,440
Dept of Health & SS	12,764	1,208	29,292
Dept of Transportation	227	124	0
Dept of Labor & Industrial Relation	241,068	1,212	13,268
Dept of Mental Health	58,065	151,976	85,324
Dept of Natural Resources	9,044	21,832	7,824
Dept of Public Safety	1	852	15,136
Missouri State Highway Patrol	52,746	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	1,035,218	6,137	21,227
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	869	0	0
Dept of Social Services	4,792,468	6,932	112,376
Dept of Corrections	0	10,284	152,912
Others	0	0	0
Agency Total :	7,486,539	217,805	493,871
FOCUS Job Costs	0	0	0
CICS Job Costs	27,844	0	0
CPU Job Costs	530,897	0	0
DB2 Job Costs	103,541	0	0
IDMS Job Costs	90,762	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	60,225	0	0
VM Job Costs	0	0	0
Job Costs :	813,268	0	0
Grand Total :	8,299,807	217,805	493,871

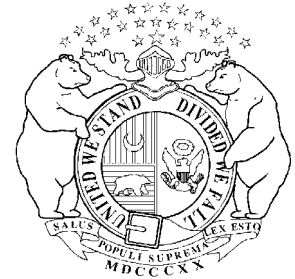
**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Utilization Estimates by Customer

<u>Agency</u>	<u>IDMS Run Units</u>	<u>Print (Lines)</u>	<u>Print (Laser)</u>
Senate	0	0	0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	148,532	0	372
Secretary of State	1,884	0	0
Auditor	0	0	668
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	21,620	916	23,040
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	0	189,108	39,244
OA/Budget and Planning	0	0	16,572
OA/ITSD Production	860	0	878,113
OA/Design and Construction	32,424	0	0
OA/Personnel	3,724	0	7,800
OA/Purchasing	0	1,768	16,840
OA/General Services	2,964	77,328	86,084
OA/Facilities Management	0	0	17,284
OA/Administrative Hearing Commission	0	0	0
OA/OIT	0	0	0
Dept of Agriculture	0	0	0
Dept of Insurance	9,812	0	976
Dept of Conservation	120,696	0	0
Dept of Economic Development	48,036	0	684
Dept of Elementary & Secondary ED	0	0	0
Dept of Higher Education	436	0	80
Dept of Health & SS	22,889,664	178,032	299,372
Dept of Transportation	22,992	0	468
Dept of Labor & Industrial Relation	552,408	0	26,248
Dept of Mental Health	150,824	0	23,836
Dept of Natural Resources	0	0	3,128
Dept of Public Safety	0	0	0
Missouri State Highway Patrol	9,556,560	0	59,944
Kansas City Police Dept	2,244,304	0	0
ReJIS	10,996,912	0	0
Dept of Revenue	150,757,661	2,940,673	17,137,739
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	240,454,440	2,587,348	33,875,863
Dept of Corrections	0	0	0
Others	305,240	0	0
Agency Total :	438,321,993	5,975,173	52,514,355
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	1,476
CPU Job Costs	0	2,393,144	58,846
DB2 Job Costs	0	0	0
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	38,260
VM Job Costs	0	0	0
Job Costs :	0	2,393,144	98,582
Grand Total :	438,321,993	8,368,317	52,612,937

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



FY11 Utilization Estimates by Customer

<u>Agency</u>	<u>VM Images</u>	<u>Server Support</u>	<u>SAN Storage</u>
Senate	0	0	0
House of Representatives	0	0	0
Legislative Research	0	0	0
State Courts Administrator	0	0	0
Secretary of State	0	0	0
Auditor	0	0	0
Treasurer	0	0	0
Attorney General	0	0	0
OA/ITSD Systems & Programming	448	24	60,000
OA/Missouri Ethics Commission	0	0	0
OA/Depty Commissioner	0	0	0
OA/Accounting	0	0	0
OA/Budget and Planning	0	0	0
OA/ITSD Production	0	0	0
OA/Design and Construction	0	0	0
OA/Personnel	0	0	0
OA/Purchasing	0	0	0
OA/General Services	0	0	0
OA/Facilities Management	0	0	0
OA/Administrative Hearing Commission	0	0	0
OA/OIT	0	0	0
Dept of Agriculture	0	0	0
Dept of Insurance	58	152	3,360
Dept of Conservation	0	0	0
Dept of Economic Development	312	0	240,000
Dept of Elementary & Secondary ED	0	0	0
Dept of Higher Education	208	0	11,708
Dept of Health & SS	50	0	0
Dept of Transportation	0	0	0
Dept of Labor & Industrial Relation	904	0	180,000
Dept of Mental Health	600	0	493,111
Dept of Natural Resources	350	0	360,000
Dept of Public Safety	144	0	10,878
Missouri State Highway Patrol	0	0	0
Kansas City Police Dept	0	0	0
ReJIS	0	0	0
Dept of Revenue	696	308	194,742
Lottery Commission	0	0	0
State Tax Commission	0	0	0
Highway Reciprocity Commission	0	0	0
Dept of Social Services	1,504	0	288,000
Dept of Corrections	64	0	108,000
Others	0	0	0
Agency Total :	5,338	484	1,949,799
FOCUS Job Costs	0	0	0
CICS Job Costs	0	0	0
CPU Job Costs	4,284	3,148	301,491
DB2 Job Costs	0	0	0
IDMS Job Costs	0	0	0
IEF/COOLGen Job Costs	0	0	0
DSM Job Costs	0	0	0
VM Job Costs	0	0	0
Job Costs :	4,284	3,148	301,491
Grand Total :	9,622	3,632	2,251,290

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**

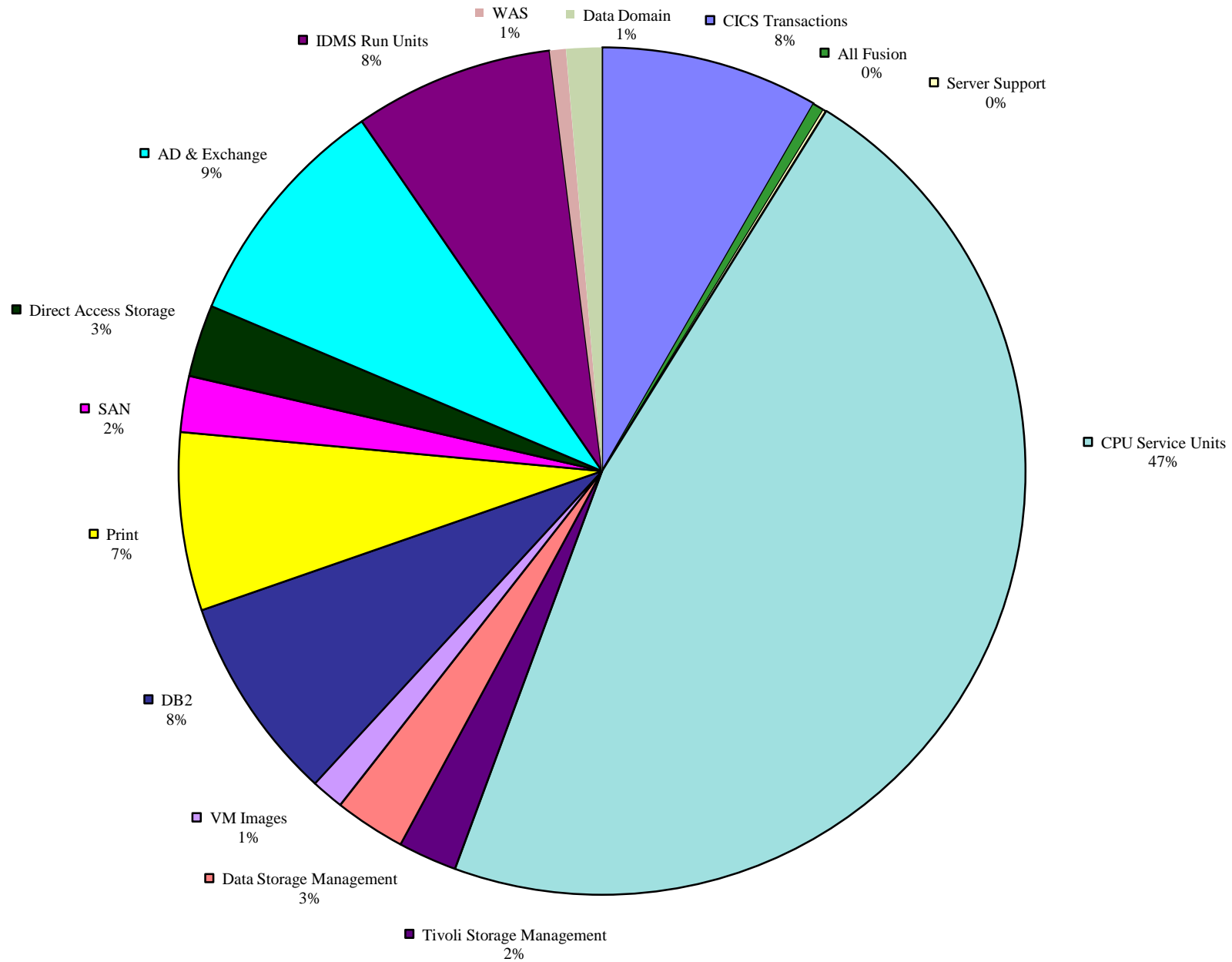


FY11 Utilization Estimates by Customer

<u>Agency</u>	<u>WAS Image</u>	<u>Data Domain</u>
Senate	0	0
House of Representatives	0	0
Legislative Research	0	0
State Courts Administrator	0	0
Secretary of State	0	0
Auditor	0	0
Treasurer	0	0
Attorney General	0	0
OA/ITSD Systems & Programming	48	0
OA/Missouri Ethics Commission	0	0
OA/Depty Commissioner	0	0
OA/Accounting	0	0
OA/Budget and Planning	0	0
OA/ITSD Production	0	0
OA/Design and Construction	0	0
OA/Personnel	0	0
OA/Purchasing	0	0
OA/General Services	0	0
OA/Facilities Management	0	0
OA/Administrative Hearing Commission	0	0
OA/OIT	0	0
Dept of Agriculture	0	0
Dept of Insurance	0	0
Dept of Conservation	0	0
Dept of Economic Development	0	0
Dept of Elementary & Secondary ED	0	0
Dept of Higher Education	48	0
Dept of Health & SS	0	14,600,000
Dept of Transportation	0	0
Dept of Labor & Industrial Relation	120	0
Dept of Mental Health	0	0
Dept of Natural Resources	108	3,650,000
Dept of Public Safety	24	0
Missouri State Highway Patrol	0	0
Kansas City Police Dept	0	0
ReJIS	0	0
Dept of Revenue	144	3,285,000
Lottery Commission	0	0
State Tax Commission	0	0
Highway Reciprocity Commission	0	0
Dept of Social Services	0	4,015,000
Dept of Corrections	0	0
Others	0	0
Agency Total :	492	25,550,000
FOCUS Job Costs	0	0
CICS Job Costs	0	0
CPU Job Costs	0	0
DB2 Job Costs	0	0
IDMS Job Costs	0	0
IEF/COOLGen Job Costs	0	0
DSM Job Costs	0	0
VM Job Costs	0	0
Job Costs :	0	0
Grand Total :	492	25,550,000

Billing Rate Derivation (E)

FY11 State Data Center
Percent of Total Cost per Rate Category



**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #1

Unit of Service: Lines/Feet Printed
Estimated Utilization: 52,712,752

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
2	Computer Operations Personnel	207,351	203,126
3	Technical Support Personnel	58,434	0
4	Fringe Benefits	106,314	83,282
	Total Personnel	\$372,098	\$286,407
116	InfoPrint 4000 Upgrade	400,000	300,000
	Total Hardware Lease	\$400,000	\$300,000
222	Print Unwinder/Job Sep/CTS	85,825	85,825
223	Printer Usage	181,000	181,000
224	Printer-Impact	6,000	6,000
225	Printer-Laser	86,967	86,967
	Total Hardware Maintenance	\$359,792	\$359,792
328	OGL/370 V1	4,752	4,752
330	AFP Toolbox for MVS	6,876	6,876
332	PSF/MVS	20,748	20,748
	Total Software Lease	\$32,376	\$32,376
704	Paper and Forms	245,000	285,000
705	Paper Storage and Transport Transfer	10,750	10,750
706	Printer Supplies	115,000	175,000
	Total Expendable Supplies	\$370,750	\$470,750
829	Shredding	1,500	1,500
	Total General Support Expense	\$1,500	\$1,500

State Data Center Cost Allocation Plan Fiscal Year 2011



Print Rate Derivation continued

<u>Item</u>			
<u>Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
Total Expense + Equipment:		\$1,164,418	\$1,164,418
Total Personnel and Expense + Equipment:		\$1,536,516	\$1,450,825
Indirect Costs Allocated:		\$172,257	\$210,993
Total Costs:		\$1,708,773	\$1,661,818

Rate Calculation Laser Feet Printed:

Total Costs/Utilization

$$\frac{\$1,661,818}{52,712,752} = \$0.03153 \text{ per foot}$$

Rate Calculation Duplex Printed:

Laser Rate x .80

$$\$0.03153 \times .80 = \$0.02522 \text{ per foot}$$

Rate Calculation Impact:

Laser Rate / 83.83 * 1,000

$$\$0.03153 / 83.83 \times 1,000 = \$0.37603 \text{ per 1,000 lines}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #2

Unit of Service: CPU Service Units
Estimated Utilization: 1,235,251,447,617

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
2	Computer Operations Personnel	691,169	679,020
3	Technical Support Personnel	1,168,672	528,437
4	Fringe Benefits	743,937	495,057
	Total Personnel	\$2,603,778	\$1,702,515
103	CPU	1,429,523	890,319
104	CPU Annual Growth Upgrades	300,000	642,800
107	External Coupling Facility	70,665	0
	Total Hardware Lease	\$1,800,188	\$1,533,119
204	CPU	395,964	381,368
213	Escon Director	36,664	0
214	External Coupling Facility	20,817	22,898
217	Local Communications Controller	1,743	430
219	Modem Enclosure	319	319
227	Remote Communications Controller	9,724	9,724
230	Service Processor	723	723
241	Console Support Controller	1,229	1,229
	Total Hardware Maintenance	\$467,183	\$416,691
301	ACF/NCP	10,380	10,380
302	ACF/SSP	17,352	17,352
304	ASF V3 Base plus Document Writing	21,132	21,132
305	BMC Mainview	76,000	76,000
308	COBOL for OS/390 & VM Alt	116,796	132,828
309	MacKinney Software	6,495	6,495
310	DCF Base	25,428	25,428
319	IBM Websphere App Svr V5 (WAS for z/OS)	32,849	36,134
321	Interactive Output Facility (IOF)	6,020	6,020
326	Network Tuning Monitor	5,676	0
329	OS/390 Version 2	1,900,314	1,947,564
331	PL/1 Alternate Function	120,396	120,396

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



CPU Rate Derivation continued

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
335	NetView	233,934	0
Total Software Lease		\$2,572,772	\$2,399,729
402	Box Score / Capacity Planning	3,000	0
404	CA Intertest W/XA-ESA-Batch	70,561	74,695
406	CA Librarian	158,841	168,147
408	CA Restart/Recover (CA11)	51,252	54,254
409	CA Roscoe	42,597	0
410	CA Scheduling Package (CA7)	151,150	160,006
413	IBM Tivoli Omegamon DE V3	35,460	39,006
414	IBM Tivoli Omegamon XE CICS V3	69,053	75,959
415	CL/Supersession for z/OS	70,298	77,328
417	IBM Tivoli Omegamon XE z/OS V2	88,961	97,858
418	Catalog Recovery Software	19,812	20,701
420	Allen System Group Job Scan/Docu Text	36,277	38,091
421	Document Management Systems (MOBIUS)	77,729	80,061
422	Dumpmaster MVS	95,144	99,902
423	Group 1 Software MailStream Plus	8,042	10,537
424	Group 1 Software Zip+4 (Code-1 Plus)	11,260	24,087
425	IBI FOCUS	525,000	525,000
429	Insync MVS	77,589	81,469
430	IPSwitch Renewal	5,000	5,000
431	Application Time Facility (Tic Toc)	5,715	6,287
433	LOTUS Domino V6	13,886	13,886
434	Connect:Direct	10,000	10,000
435	Merrill Consultants MXG	3,000	3,000
436	MVS Quick Reference	29,524	31,886
443	SAS Base	153,050	153,050
444	SAS/ STAT	96,780	96,780
445	SAS/ACCESS	96,780	96,780
447	SAS/ETS	48,390	48,390
452	SI SyncSort	20,557	22,613
454	SPC Systems - COBOL Report Writer Precompiler	2,583	2,713
463	Vanguard Security Reporter	45,580	47,859
466	BMC Event Manager	15,000	15,000
472	SDI TN3270 Emulation	9,491	11,944

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



CPU Rate Derivation continued

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
475	GSF STEPLIB/LLIBEF	3,000	3,000
	Total Software Maintenance	\$2,150,362	\$2,195,289
603	Software Upgrade	0	0
	Total Software Purchase	\$0	\$0
703	Network Supplies	5,000	5,000
	Total Expendable Supplies	\$5,000	\$5,000
802	Consulting Service	55,250	55,250
803	Contracted Personnel	0	0
804	Disaster Recovery	495,050	495,050
818	S390 SoftwarExcel	212,588	212,588
831	Subscription Support - Group 1 Software Zip+4 (Code-1 Plus)	11,680	0
832	Subscription Support - Group 1 MailStream Plus	1,992	0
	Total General Support Expense	\$776,560	\$762,888
Total Expense + Equipment:		\$7,772,065	\$7,312,716
Total Personnel and Expense + Equipment:		\$10,375,843	\$9,015,231
Indirect Costs Allocated:		\$1,163,222	\$1,311,083

Job Costs:

Lines Printed	\$900
Data Storage Management	\$204,475
Laser Feet Printed	\$1,855
Disk Storage	\$47,572
Tivoli Storage Management	\$347,125
AD	\$0
AD - Exchange	\$0
SAN	\$80,729
Server Support	\$164,383
VM	\$244,265

State Data Center
Cost Allocation Plan
Fiscal Year 2011



CPU Rate Derivation continued

<u>Item</u>			
<u>Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
Total JobCosts:		\$1,056,117	\$1,091,305
Total Costs:		\$12,595,182	\$11,417,619

Rate Calculation:

Total Costs/Utilization

$$\frac{\$11,417,619}{1,235,251,447,617} \times 1,000 = \$0.00924 \text{ per 1,000 Service Units}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

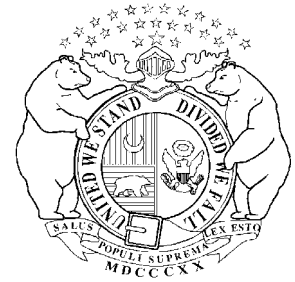
Category #3

Unit of Service: CICS Transactions
Estimated Utilization: 2,779,341,657

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
2	Computer Operations Personnel	118,486	58,036
3	Technical Support Personnel	292,168	176,146
4	Fringe Benefits	164,262	96,014
	Total Personnel	\$574,916	\$330,196
306	CICS Transaction Gateway	0	15,450
307	CICS/TS V5	941,934	966,684
324	WebSphere MQ for Z/OS	312,972	312,972
333	SDF II MVS	24,828	24,828
	Total Software Lease	\$1,279,734	\$1,319,934
405	CA Interest W/XA-ESA-CICS	97,439	103,147
439	Office Path/TSO & SNADS	14,945	0
	Total Software Maintenance	\$112,384	\$103,147
802	Consulting Service	9,750	9,750
803	Contracted Personnel	0	0
	Total General Support Expense	\$9,750	\$9,750

State Data Center Cost Allocation Plan Fiscal Year 2011



CICS Rate Derivation continued

Item Number	Description	\$ FY10 CAP	\$ FY11 CAP
Total Expense + Equipment:		\$1,401,868	\$1,432,831
Total Personnel and Expense + Equipment:		\$1,976,784	\$1,763,027
Indirect Costs Allocated:		\$221,615	\$256,397
Job Costs:			
	Lines Printed		\$0
	Data Storage Management		\$9,246
	Laser Feet Printed		\$47
	Disk Storage/Gigabyte Day		\$2,495
Total Job Costs:		\$18,269	\$11,788
Total Costs:		\$2,216,667	\$2,031,211

Rate Calculation:

Total Costs/Utilization

$$\frac{\$2,031,211}{2,779,341,657} = \$0.00073 \text{ per Transaction}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #5

Unit of Service: Data Storage Management/Gigabyte Day
Estimated Utilization: 88,286,499

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
2	Computer Operations Personnel	227,098	135,417
3	Technical Support Personnel	160,692	146,788
4	Fringe Benefits	155,116	115,704
	Total Personnel	\$542,907	\$397,909
101	ATL Upgrade	0	0
111	High Density Tape Drive (VTSM) Growth	50,000	50,000
114	VSM Upgrade	135,000	135,000
	Total Hardware Lease	\$185,000	\$185,000
203	Automatic Tape Library	0	0
216	High Density Tape Drive / Escon Drives	81,530	0
233	GTU Qualifier Maintenance	0	2,000
234	Tape Unit	106,383	41,864
237	Virtual Tape	0	0
	Total Hardware Maintenance	\$187,913	\$43,864
318	HSM Fast Audit Software	5,405	5,405
	Total Software Lease	\$5,405	\$5,405
411	CA TMS (CA1)	56,435	59,741
457	Storage Tech ExPert Library Manager	4,824	0
458	Storage Tech Host Software Component	8,700	0
460	Tivoli Storage Management	18,000	25,441
	Total Software Maintenance	\$87,959	\$85,182
701	Magnetic Tapes & Supplies	30,000	60,000
	Total Expendable Supplies	\$30,000	\$60,000
900	Retained Earnings	0	0
	Total Cost Adjustment	\$0	\$0

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



DSM Rate Derivation continued

<u>Item</u> <u>Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
Total Expense + Equipment:		\$496,277	\$379,451
Total Personnel and Expense + Equipment:		\$1,039,184	\$777,360
Indirect Costs Allocated:		\$116,502	\$113,051
Job Costs:			
	Lines Printed		\$0
	Data Storage Management		\$0
	Laser Feet Printed		\$1,206
	Disk Storage/Gigabyte Day		\$5,397
Total Job Costs:		\$20,997	\$6,603
Total Costs:		\$1,176,683	\$897,014

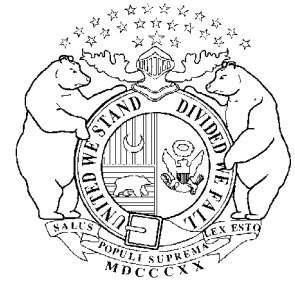
Rate Calculation:

Total Costs/Utilization

$\frac{\$897,014}{88,286,499}$

= \$0.01016 per Gigabyte per day

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #7

Unit of Service: Mailboxes
 Estimated Utilization: 493,871 AD and Exchange Mailboxes
 217,805 AD User IDs

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	350,602	645,868
4	Fringe Benefits	140,241	264,806
	Total Personnel	\$490,842	\$910,674
242	Servers - Maintenance Renewals	26,875	21,600
	Total Hardware Maintenance	\$26,875	\$21,600
343	Antivirus For Exchange	95,040	95,040
	Total Software Lease	\$95,040	\$95,040
437	Microsoft Premiere Support	92,397	92,397
474	Server Software - Maintenance Renewals	60,479	308,736
	Total Software Maintenance	\$152,876	\$401,133
504	SAN - New/Replacement Purchases	201,600	232,782
510	Servers - New/Replacement Purchases	211,000	211,000
514	VM Hardware Purchase	17,908	56,360
	Total Hardware Purchase	\$430,508	\$500,142
605	Server Software - New Purchases	0	0
	Total Software Purchase	\$0	\$0
Total Expense + Equipment:		\$705,299	\$1,017,915
Total Personnel and Expense + Equipment:		\$1,196,141	\$1,928,589
Indirect Costs Allocated:		\$134,098	\$280,474
Total Costs:		\$1,330,239	\$2,209,063

Rate Calculation AD User ID:

10% Total Costs/Utilization

$$\frac{\$220,906}{217,805} = \$1.01424 \text{ Monthly AD User ID Rate}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



AD - Exchange Rate Derivation continued

<u>Item</u>				
<u>Number</u>	<u>Description</u>		\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
<u>Rate Calculation AD - Exchange Mailbox (Includes AD User ID Rate):</u>				
90% Total Costs/Utilization				
	<u>\$1,988,157</u>	=	\$4.02566	Monthly AD - Exchange Mailbox Rate
	493,871			

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #8

Unit of Service: Direct Access Storage Gigabyte/Day
Estimated Utilization: 8,299,807

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
2	Computer Operations Personnel	51,344	38,691
3	Technical Support Personnel	146,084	58,715
4	Fringe Benefits	78,971	39,936
Total Personnel		\$276,399	\$137,342
105	DASD	0	0
106	DASD Growth	330,400	330,400
Total Hardware Lease		\$330,400	\$330,400
205	DASD	9,500	9,500
236	FICON Directors	0	18,000
Total Hardware Maintenance		\$9,500	\$27,500
303	Amdahl TDMF Data Mover	20,286	20,286
313	DSF/DSS/HSM OS/390 V2	130,164	133,764
Total Software Lease		\$150,450	\$154,050
Total Expense + Equipment:		\$490,350	\$511,950
Total Personnel and Expense + Equipment:		\$766,749	\$649,292
Indirect Costs Allocated:		\$85,959	\$94,426
Total Costs:		\$852,709	\$743,719

Rate Calculation:

Total Costs/Utilization

$\frac{\$743,719}{8,299,807}$

= \$0.08961 per Gigabyte per day

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #10

Unit of Service: IDMS Run Units
Estimated Utilization: 438,321,993

Estimated Cost:

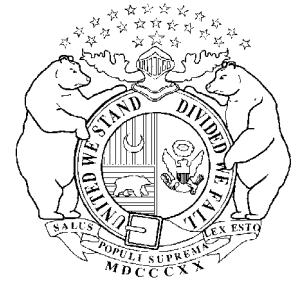
<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
2	Computer Operations Personnel	39,495	38,691
3	Technical Support Personnel	160,692	73,394
4	Fringe Benefits	80,075	45,955
	Total Personnel	\$280,263	\$158,039
412	CA UNIPAK	1,375,384	1,455,968
	Total Software Maintenance	\$1,375,384	\$1,455,968
	Total Expense + Equipment:	\$1,375,384	\$1,455,968
	Total Personnel and Expense + Equipment:	\$1,655,647	\$1,614,007
	Indirect Costs Allocated:	\$185,612	\$234,725
	Job Costs:		
	Lines Printed		\$0
	Data Storage Management		\$1,532
	Laser Feet Printed		\$0
	Disk Storage/Gigabyte Day		\$8,133
	Total JobCosts:	\$15,006	\$9,665
	Total Costs:	\$1,856,265	\$1,858,397

Rate Calculation:

Total Costs/Utilization

$$\frac{\$1,858,397}{438,321,993} = \$0.00424 \text{ per Run Unit}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #11

Unit of Service: DB2 Service Units
Estimated Utilization: 1,080,078,455,617

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	131,476	234,861
4	Fringe Benefits	52,590	96,293
Total Personnel		\$184,066	\$331,154
338	DB2 for Z/OS V9	812,496	834,096
341	UDB - DB2 Utilities Suite	26,865	26,865
Total Software Lease		\$839,361	\$860,961
416	IBM Tivoli Omegamon XE DB2 V4	64,076	70,484
419	DB2 Connect	28,200	10,328
432	DB2 LUW	0	7,894
440	Platinum DB2 Tools	319,332	338,042
441	RevealNet Reveal for DB2	2,760	2,760
464	DB2 Buffer Pool Tool	23,358	23,358
473	UDB-DB2 Utilities Suite Maintenance	23,220	0
Total Software Maintenance		\$460,946	\$452,866
802	Consulting Service	0	0
Total General Support Expense		\$0	\$0
Total Expense + Equipment:		\$1,300,307	\$1,313,827
Total Personnel and Expense + Equipment:		\$1,484,373	\$1,644,981
Indirect Costs Allocated:		\$166,411	\$239,229
Job Costs:			
	Data Storage Management		\$19,105
	Laser Feet Printed		\$0
	Disk Storage/Gigabyte Day		\$9,278
Total JobCosts:		\$38,168	\$28,383
Total Costs:		\$1,688,952	\$1,912,593

Rate Calculation:

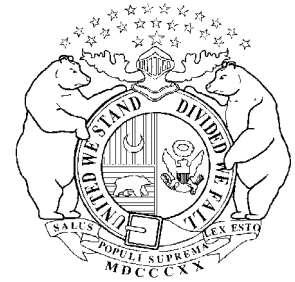
**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



DB2 Rate Derivation continued

<u>Item</u>				
<u>Number</u>	<u>Description</u>		\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
Total Costs/Utilization				
	<u>\$1,912,593</u>	x 1,000 =	\$0.00177	per 1,000 Service Units
	1,080,078,455,617			

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #14

Unit of Service: All Fusion CPU Service Units
Estimated Utilization: 12,143,481,100

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	58,434	44,036
4	Fringe Benefits	23,373	18,055
	Total Personnel	\$81,807	\$62,091
403	CA All Fusion	30,672	30,672
	Total Software Maintenance	\$30,672	\$30,672
	Total Expense + Equipment:	\$30,672	\$30,672
	Total Personnel and Expense + Equipment:	\$112,479	\$92,763
	Indirect Costs Allocated:	\$12,610	\$13,491
	Job Costs:		
	Lines Printed		\$0
	Data Storage Management		\$0
	Laser Feet Printed		\$0
	Disk Storage/Gigabyte Day		\$0
	Total Job Costs:	\$0	\$0
	Total Costs:	\$125,089	\$106,254

Rate Calculation:

Total Costs/Utilization

$$\frac{\$106,254}{12,143,481,100} \times 1,000 = \$0.00875 \text{ per 1,000 Service Units}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #15

Unit of Service: VM
Estimated Utilization: 9,622

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	146,788
4	Fringe Benefits	0	60,183
	Total Personnel	\$0	\$206,971
231	Server and Server Storage	0	52,000
	Total Hardware Maintenance	\$0	\$52,000
514	VM Hardware Purchase	44,476	160,000
	Total Hardware Purchase	\$44,476	\$160,000
607	VM Software Purchase	19,677	60,000
	Total Software Purchase	\$19,677	\$60,000
Total Expense + Equipment:		\$64,153	\$272,000
Total Personnel and Expense + Equipment:		\$64,153	\$478,971
Indirect Costs Allocated:		\$7,192	\$69,657
Job Costs:			
	SAN Storage		\$0
Total JobCosts:		\$0	\$0
Total Costs:		\$71,345	\$548,628

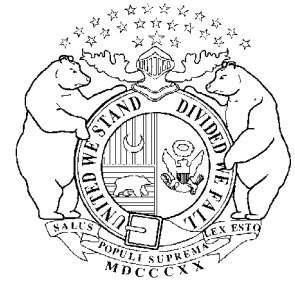
Rate Calculation:

Total Costs/Utilization

$$\frac{\$548,628}{9,622} = \$57.01808 \text{ per Image per Month}$$

An Additional charger of \$5 per Month extra for every one (1) gb of memory over our standard Configuration.

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #16

Unit of Service: SAN
Estimated Utilization: 2,251,290

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	58,715
4	Fringe Benefits	0	24,073
	Total Personnel	\$0	\$82,789
113	SAN DASD	180,000	0
	Total Hardware Lease	\$180,000	\$0
231	Server and Server Storage	0	93,493
	Total Hardware Maintenance	\$0	\$93,493
477	SAN Software	0	150,000
	Total Software Maintenance	\$0	\$150,000
504	SAN - New/Replacement Purchases	0	200,000
	Total Hardware Purchase	\$0	\$200,000
Total Expense + Equipment:		\$180,000	\$443,493
Total Personnel and Expense + Equipment:		\$180,000	\$526,282
Indirect Costs Allocated:		\$20,180	\$76,537
Total Costs:		\$200,180	\$602,819

Rate Calculation:

Total Costs/Utilization

$$\frac{\$602,819}{2,251,290} = \$0.26777 \text{ per GB per Month}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #17

Unit of Service: Server Support
Estimated Utilization: 3,632

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	58,434	117,431
4	Fringe Benefits	23,373	48,147
Total Personnel		\$81,807	\$165,577
Total Expense + Equipment:		\$0	\$0
Total Personnel and Expense + Equipment:		\$81,807	\$165,577
Indirect Costs Allocated:		\$9,171	\$24,080
Total Costs:		\$90,978	\$189,657

Rate Calculation:

Total Costs/Utilization

$$\frac{\$189,657}{3,632} = \$52.22 \text{ per Server per Month}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #19

Unit of Service: Tivoli Storage Management
Estimated Utilization: 272,085,127

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
2	Computer Operations Personnel	9,874	9,673
3	Technical Support Personnel	58,434	88,073
4	Fringe Benefits	27,323	40,076
	Total Personnel	\$95,630	\$137,821
231	Server and Server Storage	0	71,000
	Total Hardware Maintenance	\$0	\$71,000
460	Tivoli Storage Management	0	157,559
	Total Software Maintenance	\$0	\$157,559
511	TSM Hardware Purchase	275,800	413,549
	Total Hardware Purchase	\$275,800	\$413,549
606	TSM Software Purchase	0	0
	Total Software Purchase	\$0	\$0
702	Open System Tapes & Supplies	30,000	0
	Total Expendable Supplies	\$30,000	\$0
Total Expense + Equipment:		\$305,800	\$642,108
Total Personnel and Expense + Equipment:		\$401,430	\$779,929
Indirect Costs Allocated:		\$45,004	\$113,425
Total Costs:		\$446,434	\$893,354

Rate Calculation:

Total Costs/Utilization

$$\frac{\$893,354}{272,085,127} = \$0.00328 \text{ per Gigabyte per day}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

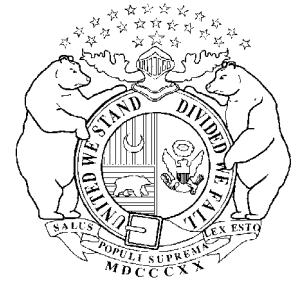
Category #20

Indirect Cost Components:

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
1	Administrative Personnel	456,905	480,425
2	Computer Operations Personnel	49,369	48,363
3	Technical Support Personnel	175,301	733,941
4	Fringe Benefits	272,630	517,719
	Total Personnel	\$954,205	\$1,780,447
102	Blade Center Lease	0	73,843
	Total Hardware Lease	\$0	\$73,843
231	Server and Server Storage	93,493	0
239	Batteries/UPS Maintenance	36,071	40,000
240	Generator Maintenance	6,397	7,037
	Total Hardware Maintenance	\$135,961	\$47,037
401	Blade Center Software Maintenance	94,779	0
427	GWI	0	49,000
428	Tivoli WAS\ND	48,000	0
460	Tivoli Storage Management	0	4,000
465	GWI - Technical Support	3,000	0
468	SQL	0	70,000
471	Security Software	2,008	0
476	What's Up	0	4,000
	Total Software Maintenance	\$147,787	\$127,000
503	Blade Center Hardware Purchase	340,367	0
507	Server Storage Upgrades	0	0
509	Tools for Staff	38,000	38,000
	Total Hardware Purchase	\$378,367	\$38,000
602	SDC LAN	7,500	0
604	Blade Center Software Purchase	121,200	0
	Total Software Purchase	\$128,700	\$0
801	Blade Center Software Maintenance	600	0
803	Contracted Personnel	0	0
804	Disaster Recovery	4,950	4,950
805	IBM Global Network(Advantis)	30,000	10,000
806	Internet Access	1,500	1,500
807	IBM Server Support Line	22,994	45,000
808	MAN Connection/ANS Support/RLS Charges	81,000	112,800
810	Open Systems DR	0	81,720

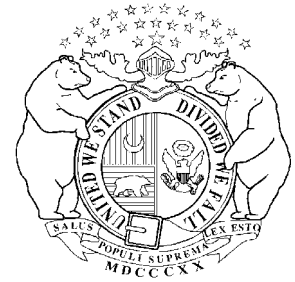
**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



Indirect Costs continued

Item Number	Description	\$ FY10 CAP	\$ FY11 CAP
811	Office Supplies, Equipment and Maintenance	12,500	12,500
812	Cell Phone	6,000	6,000
813	PDU/FDC	40,000	100,000
814	Postage/Inter Agency Mail Delivery	2,500	4,300
815	Printing and Binding	3,500	3,500
816	Racks,Cabinets, Furniture & Building Changes	60,000	100,000
817	Reserve for Unplanned Expense	95,000	300,000
819	Security Services	25,000	25,000
820	Subscriptions & Publications	5,000	5,000
821	Telephone Service and Equipment	57,500	57,500
822	Training & Professional Development	90,000	90,000
823	Travel	27,500	27,500
825	VPN - Access Charge	9,268	9,268
827	SSL Certificates	20,000	20,000
830	SAN/NAS Support Line	0	10,000
833	RedHat/JBoss Support	0	6,000
Total General Support Expense		\$594,812	\$1,032,538
Total Expense + Equipment:		\$1,385,627	\$1,318,418
Total Personnel and Expense + Equipment:		\$2,339,832	\$3,098,865

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #21

Unit of Service: WAS
Estimated Utilization: 492

Estimated Cost:

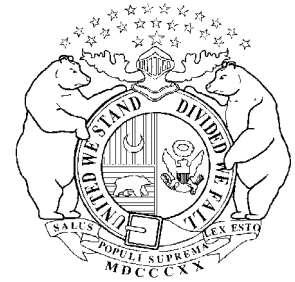
<u>Item Number</u>	<u>Description</u>	\$ <u>FY10 CAP</u>	\$ <u>FY11 CAP</u>
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	58,715
4	Fringe Benefits	0	24,073
	Total Personnel	\$0	\$82,789
428	Tivoli WAS\ND	0	48,000
	Total Software Maintenance	\$0	\$48,000
Total Expense + Equipment:		\$0	\$48,000
Total Personnel and Expense + Equipment:		\$0	\$130,789
Indirect Costs Allocated:		\$0	\$19,021
Total Costs:		\$0	\$149,809

Rate Calculation:

Total Costs/Utilization

$$\frac{\$149,809}{492} = \$304.48994 \text{ per Image per Month}$$

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Billing Rate Derivation
State Data Center**

Category #25

Unit of Service: Data Domain
Estimated Utilization: 25,550,000

Estimated Cost:

<u>Item Number</u>	<u>Description</u>	<u>\$ FY10 CAP</u>	<u>\$ FY11 CAP</u>
2	Computer Operations Personnel	0	0
3	Technical Support Personnel	0	14,679
4	Fringe Benefits	0	6,018
	Total Personnel	\$0	\$20,697
231	Server and Server Storage	0	70,000
	Total Hardware Maintenance	\$0	\$70,000
505	Deduplication/Replication Purchase	0	200,000
	Total Hardware Purchase	\$0	\$200,000
Total Expense + Equipment:		\$0	\$270,000
Total Personnel and Expense + Equipment:		\$0	\$290,697
Indirect Costs Allocated:		\$0	\$42,276
Total Costs:		\$0	\$332,973

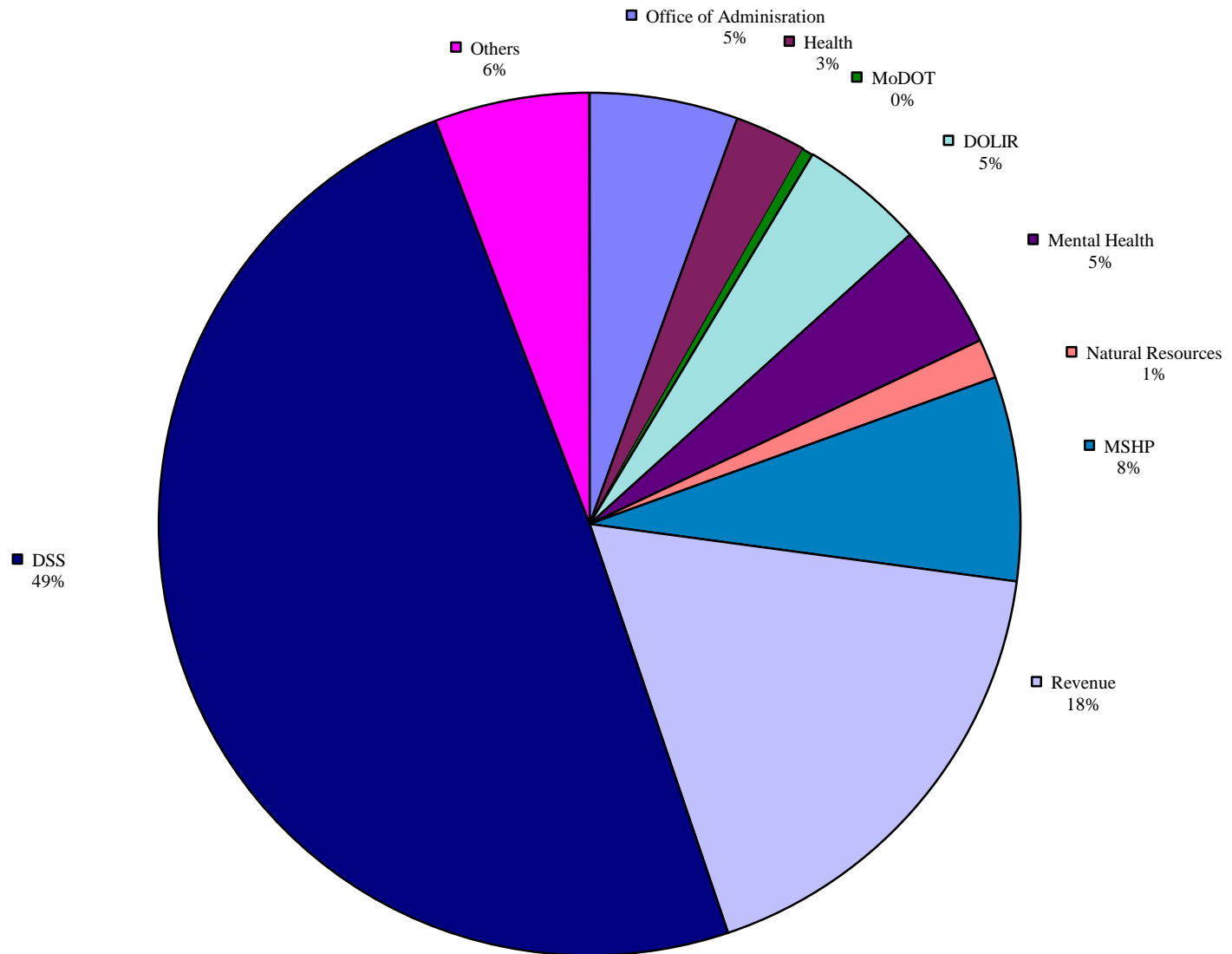
Rate Calculation:

Total Costs/Utilization

$$\frac{\$332,973}{25,550,000} = \$0.01303 \text{ per Gigabyte per day}$$

Cost Estimates (F)

**FY11 State Data Center
Estimated Customer Billing**



**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Cost Estimates by Customer
State Data Center**

<u>Agency</u>	<u>CICS Transactions</u>	<u>All Fusion Service Units</u>	<u>CPU Service Units</u>
Senate	\$ 31	\$ 0	\$ 221
House of Representatives	89	0	1,407
Legislative Research	12	0	21
State Courts Administrator	944	0	5,958
Secretary of State	372	0	9,198
Auditor	62	0	847
Treasurer	58	0	219
Attorney General	225	0	1,197
OA/ITSD Systems & Programming	471	2,535	98,187
OA/Missouri Ethics Commission	7	0	39
OA/Depty Commissioner	214	0	3,258
OA/Accounting	3,352	0	40,228
OA/Budget and Planning	218	0	1,318
OA/ITSD Production	9,883	5,393	586,837
OA/Design and Construction	233	0	1,497
OA/Personnel	7,994	0	21,598
OA/Purchasing	561	0	5,174
OA/General Services	2,021	0	10,101
OA/Facilities Management	619	0	4,323
OA/Administrative Hearing Commission	8	0	35
OA/OIT	0	0	0
Dept of Agriculture	364	0	1,421
Dept of Insurance	342	0	6,426
Dept of Conservation	547	0	2,864
Dept of Economic Development	1,702	0	28,732
Dept of Elementary & Secondary ED	1,761	0	33,066
Dept of Higher Education	127	0	1,947
Dept of Health & SS	23,604	0	179,470
Dept of Transportation	14,373	0	73,113
Dept of Labor & Industrial Relation	154,403	1	675,275
Dept of Mental Health	7,438	0	158,152
Dept of Natural Resources	4,669	0	83,294
Dept of Public Safety	1,956	0	17,778
Missouri State Highway Patrol	455,352	5,155	1,238,056
Kansas City Police Dept	16,235	0	11,344
ReJIS	49,882	0	37,036
Dept of Revenue	99,102	0	2,011,764
Lottery Commission	127	0	446
State Tax Commission	41	0	115
Highway Reciprocity Commission	0	0	0
Dept of Social Services	1,163,612	93,170	6,037,128
Dept of Corrections	7,106	0	26,472
Others	1,094	0	2,056
Agency Total :	\$2,031,211	\$106,254	\$11,417,619

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Cost Estimates by Customer
State Data Center**

<u>Agency</u>		<u>Tivoli Storage Management</u>		<u>Data Storage Management</u>		<u>DB2 Service Units</u>
Senate	\$	0	\$	0	\$	42
House of Representatives		0		0		276
Legislative Research		0		0		4
State Courts Administrator		0		24		1,022
Secretary of State		0		17		1,461
Auditor		0		756		119
Treasurer		0		11		39
Attorney General		0		0		240
OA/ITSD Systems & Programming		81,998		11,409		9,294
OA/Missouri Ethics Commission		0		0		8
OA/Depty Commissioner		0		0		695
OA/Accounting		0		61		7,280
OA/Budget and Planning		0		0		212
OA/ITSD Production		3,983		82,246		55,313
OA/Design and Construction		0		78		222
OA/Personnel		0		8		3,003
OA/Purchasing		0		0		673
OA/General Services		0		193		1,821
OA/Facilities Management		10,747		25		763
OA/Administrative Hearing Commission		0		0		7
OA/OIT		0		0		0
Dept of Agriculture		0		0		319
Dept of Insurance		7,832		44		1,344
Dept of Conservation		0		0		502
Dept of Economic Development		0		2,732		2,078
Dept of Elementary & Secondary ED		0		0		4,178
Dept of Higher Education		0		0		264
Dept of Health & SS		0		6,273		22,958
Dept of Transportation		0		6		13,692
Dept of Labor & Industrial Relation		0		77,553		14,598
Dept of Mental Health		246,095		34,135		29,588
Dept of Natural Resources		0		6,728		15,131
Dept of Public Safety		10,815		0		3,799
Missouri State Highway Patrol		0		14,093		104,540
Kansas City Police Dept		0		0		0
ReJIS		674		0		0
Dept of Revenue		172,116		159,086		314,009
Lottery Commission		0		0		85
State Tax Commission		0		0		23
Highway Reciprocity Commission		0		28		0
Dept of Social Services		0		267,152		1,297,545
Dept of Corrections		11,968		0		5,243
Others		0		0		201
Agency Total :		\$546,229		\$662,657		\$1,912,593

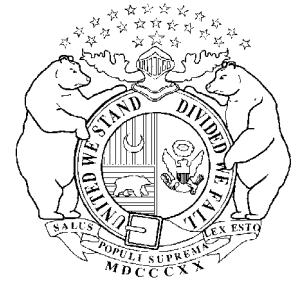
**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Cost Estimates by Customer
State Data Center**

<u>Agency</u>	<u>Direct Access</u>	<u>Storage</u>	<u>VM Images</u>	<u>IDMS Run Units</u>
Senate	\$	0	\$	0
House of Representatives		0		0
Legislative Research		0		0
State Courts Administrator		0		630
Secretary of State		16		8
Auditor		26		0
Treasurer		2		0
Attorney General		0		0
OA/ITSD Systems & Programming		34,967	25,544	92
OA/Missouri Ethics Commission		0	0	0
OA/Depty Commissioner		0	0	0
OA/Accounting		68	0	0
OA/Budget and Planning		0	0	0
OA/ITSD Production		77,458	0	4
OA/Design and Construction		30	0	137
OA/Personnel		301	0	16
OA/Purchasing		1	0	0
OA/General Services		106	0	13
OA/Facilities Management		8	0	0
OA/Administrative Hearing Commission		0	0	0
OA/OIT		0	0	0
Dept of Agriculture		0	0	0
Dept of Insurance		2	3,307	42
Dept of Conservation		0	0	512
Dept of Economic Development		2,077	17,790	204
Dept of Elementary & Secondary ED		0	0	0
Dept of Higher Education		0	11,860	2
Dept of Health & SS		1,144	2,851	97,048
Dept of Transportation		20	0	97
Dept of Labor & Industrial Relation		21,601	51,544	2,342
Dept of Mental Health		5,203	34,211	639
Dept of Natural Resources		810	19,956	0
Dept of Public Safety		0	8,211	0
Missouri State Highway Patrol		4,726	0	40,518
Kansas City Police Dept		0	0	9,515
ReJIS		0	0	46,625
Dept of Revenue		92,763	39,685	639,182
Lottery Commission		0	0	0
State Tax Commission		0	0	0
Highway Reciprocity Commission		78	0	0
Dept of Social Services		429,437	85,755	1,019,478
Dept of Corrections		0	3,649	0
Others		0	0	1,294
Agency Total :		\$670,844	\$304,363	\$1,858,397

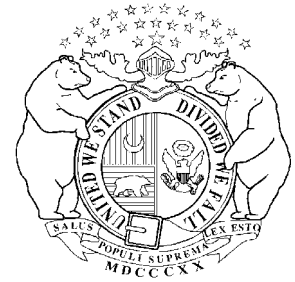
**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Cost Estimates by Customer
State Data Center**

<u>Agency</u>		<u>Print (Lines)</u>		<u>Print (Laser)</u>	<u>AD User ID</u>
Senate	\$	0	\$	0	0
House of Representatives		0		0	0
Legislative Research		0		0	0
State Courts Administrator		0		12	24
Secretary of State		0		0	0
Auditor		0		21	0
Treasurer		0		0	0
Attorney General		0		0	0
OA/ITSD Systems & Programming		0		726	3,457
OA/Missouri Ethics Commission		0		0	12
OA/Depty Commissioner		0		0	0
OA/Accounting		71		1,237	0
OA/Budget and Planning		0		522	0
OA/ITSD Production		0		27,683	0
OA/Design and Construction		0		0	0
OA/Personnel		0		246	0
OA/Purchasing		1		531	0
OA/General Services		29		2,714	0
OA/Facilities Management		0		545	385
OA/Administrative Hearing Commission		0		0	0
OA/OIT		0		0	0
Dept of Agriculture		0		0	276
Dept of Insurance		0		31	499
Dept of Conservation		0		0	24
Dept of Economic Development		0		22	4,077
Dept of Elementary & Secondary ED		0		0	8,296
Dept of Higher Education		0		3	442
Dept of Health & SS		67		9,438	1,225
Dept of Transportation		0		15	126
Dept of Labor & Industrial Relation		0		827	1,229
Dept of Mental Health		0		751	154,140
Dept of Natural Resources		0		99	22,143
Dept of Public Safety		0		0	864
Missouri State Highway Patrol		0		1,890	0
Kansas City Police Dept		0		0	0
ReJIS		0		0	0
Dept of Revenue		1,106		540,283	6,225
Lottery Commission		0		0	0
State Tax Commission		0		0	0
Highway Reciprocity Commission		0		0	0
Dept of Social Services		973		1,067,968	7,031
Dept of Corrections		0		0	10,430
Others		0		0	0
Agency Total :		\$2,247		\$1,655,564	\$220,906

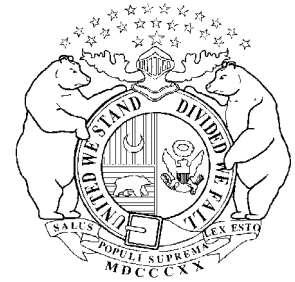
**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**FY11 Cost Estimates by Customer
State Data Center**

<u>Agency</u>	<u>AD Exchange</u>	<u>Mailboxes</u>	<u>SAN</u>	<u>Server Support</u>
Senate	\$	0	\$	0
House of Representatives		0		0
Legislative Research		0		0
State Courts Administrator		0		0
Secretary of State		0		0
Auditor		0		0
Treasurer		0		0
Attorney General		0		0
OA/ITSD Systems & Programming		42,672	16,066	1,253
OA/Missouri Ethics Commission		1,771	0	0
OA/Depty Commissioner		0	0	0
OA/Accounting		0	0	0
OA/Budget and Planning		0	0	0
OA/ITSD Production		0	0	0
OA/Design and Construction		0	0	0
OA/Personnel		0	0	0
OA/Purchasing		0	0	0
OA/General Services		0	0	0
OA/Facilities Management		28,212	0	0
OA/Administrative Hearing Commission		0	0	0
OA/OIT		0	0	0
Dept of Agriculture		16,376	0	0
Dept of Insurance		31,964	900	7,937
Dept of Conservation		0	0	0
Dept of Economic Development		41,802	64,264	0
Dept of Elementary & Secondary ED		58,903	0	0
Dept of Higher Education		5,797	3,135	0
Dept of Health & SS		117,920	0	0
Dept of Transportation		0	0	0
Dept of Labor & Industrial Relation		53,412	48,198	0
Dept of Mental Health		343,486	132,038	0
Dept of Natural Resources		31,497	96,396	0
Dept of Public Safety		60,932	2,913	0
Missouri State Highway Patrol		0	0	0
Kansas City Police Dept		0	0	0
ReJIS		0	0	0
Dept of Revenue		85,451	52,145	16,083
Lottery Commission		0	0	0
State Tax Commission		0	0	0
Highway Reciprocity Commission		0	0	0
Dept of Social Services		452,388	77,117	0
Dept of Corrections		615,572	28,919	0
Others		0	0	0
Agency Total :		\$1,988,157	\$522,090	\$25,274

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**

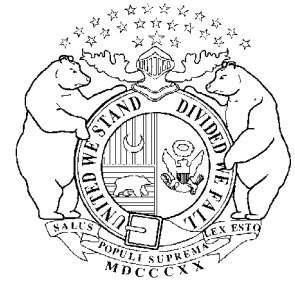


**FY11 Cost Estimates by Customer
State Data Center**

<u>Agency</u>	<u>WAS</u>	<u>Data Domain</u>	<u>Estimated Billing</u>
Senate	\$ 0	\$ 0	\$ 294
House of Representatives	0	0	1,771
Legislative Research	0	0	37
State Courts Administrator	0	0	8,614
Secretary of State	0	0	11,071
Auditor	0	0	1,831
Treasurer	0	0	328
Attorney General	0	0	1,662
OA/ITSD Systems & Programming	14,616	0	343,287
OA/Missouri Ethics Commission	0	0	1,837
OA/Depty Commissioner	0	0	4,167
OA/Accounting	0	0	52,297
OA/Budget and Planning	0	0	2,271
OA/ITSD Production	0	0	848,800
OA/Design and Construction	0	0	2,198
OA/Personnel	0	0	33,165
OA/Purchasing	0	0	6,941
OA/General Services	0	0	16,997
OA/Facilities Management	0	0	45,628
OA/Administrative Hearing Commission	0	0	50
OA/OIT	0	0	0
Dept of Agriculture	0	0	18,756
Dept of Insurance	0	0	60,669
Dept of Conservation	0	0	4,450
Dept of Economic Development	0	0	165,480
Dept of Elementary & Secondary ED	0	0	106,206
Dept of Higher Education	14,616	0	38,192
Dept of Health & SS	0	190,270	652,267
Dept of Transportation	0	0	101,443
Dept of Labor & Industrial Relation	36,539	0	1,137,523
Dept of Mental Health	0	0	1,145,877
Dept of Natural Resources	32,885	47,568	361,177
Dept of Public Safety	7,308	0	114,575
Missouri State Highway Patrol	0	0	1,864,330
Kansas City Police Dept	0	0	37,094
ReJIS	0	0	134,217
Dept of Revenue	43,847	42,811	4,315,658
Lottery Commission	0	0	658
State Tax Commission	0	0	178
Highway Reciprocity Commission	0	0	106
Dept of Social Services	0	52,324	12,051,079
Dept of Corrections	0	0	709,360
Others	0	0	4,645
Agency Total :	\$149,809	\$332,973	\$24,407,186

Rate Comparison (G)

**State Data Center
Cost Allocation Plan
Fiscal Year 2011**



**Comparison of Fiscal Year Billing Rates
State Data Center**

<u>Category</u>	<u>FY11</u>	<u>FY10</u>	<u>FY09</u>	<u>FY08</u>	<u>FY07</u>
AD & Exchange Mailboxes (Monthly Rate)	4.02566	2.45987	1.79155	1.99673	0.00000
AD User ID (Monthly Rate)	1.01424	0.63685	0.61351	0.53608	0.00000
All Fusion CPU Service Units	0.00875	0.01182	0.01604	0.01540	0.01721
CICS Transactions	0.00073	0.00088	0.00089	0.00089	0.00090
CPU Service Units/1000	0.00924	0.00955	0.00940	0.01205	0.01485
Data Domain	0.01303	0.00000	0.00000	0.00000	0.00000
Data Storage Mgmt/GB Day	0.01016	0.01143	0.02706	0.02661	0.02539
DB2 Service Units/1000	0.00177	0.00171	0.00162	0.00213	0.00294
Disk Storage/GB Day	0.08961	0.13896	0.19689	0.21855	0.23872
IDMS Run Units	0.00424	0.00365	0.00304	0.00141	0.00251
Laser Feet Printed	0.03153	0.04356	0.03820	0.03493	0.03374
Laser Feet Printed/Duplex	0.02522	0.03485	0.03056	0.02794	0.02699
Lines (Impact) Printed/1000	0.37603	0.51960	0.45571	0.41669	0.40249
SAN	0.26777	0.32114	0.30798	0.00000	0.00000
Server Support	52.21829	54.28303	45.50505	0.00000	0.00000
Tivoli Storage Management	0.00328	0.00204	0.00205	0.00110	0.00000
VM	57.01808	46.97878	58.48650	0.00000	0.00000
WAS	304.48994	0.00000	0.00000	0.00000	0.00000

Cost Compare with Percentage of Change

Num.	Category Description	11 Percentage of change	FY11	10 Percentage of change	FY10	09 Percentage of change	FY09	08 Percentage of change	FY08	07 Percentage of change	FY07
1	Laser Feet Printed	-28%	0.03153	14%	0.04356	9%	0.03820	4%	0.03493	2%	0.03374
1	Lines (Impact) Printed/1000	-28%	0.37603	14%	0.51960	9%	0.45571	4%	0.41669	2%	0.40249
1	Laser Feet Printed/Duplex	-28%	0.02522	14%	0.03485	9%	0.03056	4%	0.02794	2%	0.02699
2	CPU Service Units/1000	-3%	0.00924	1%	0.00955	-22%	0.00940	-19%	0.01205	-11%	0.01485
3	CICS Transactions	-17%	0.00073	-2%	0.00088	0%	0.00089	-1%	0.00089	5%	0.00090
5	Data Storage Mgmt/GB Day	-11%	0.01016	-58%	0.01143	2%	0.02706	5%	0.02661	5%	0.02539
7	AD User ID per Month	59%	1.01424	4%	0.63685	14%	0.61351		0.53608		
7	AD & Exchange Mailbox per Month	64%	4.02566	37%	2.45987	-10%	1.79155		1.99673		
8	Disk Storage/GB Day	-36%	0.08961	-29%	0.13896	-10%	0.19689	-8%	0.21855	-20%	0.23872
10	IDMS Run Units	16%	0.00424	20%	0.00365	115%	0.00304	-44%	0.00141	13%	0.00251
11	DB2 Service Units/1000	4%	0.00177	6%	0.00171	-24%	0.00162	-28%	0.00213	-33%	0.00294
14	All Fusion CPU Service Units/1000	-26%	0.00875	-26%	0.01182	4%	0.01604	-11%	0.01540	-45%	0.01721
15	VM per Image per Month	21%	57.01808	-20%	46.97882	0%	58.49				
16	SAN per 1GB per Month	-17%	0.26777	4%	0.32114	0%	0.31				
17	Server Support per Server per Month	-4%	52.21830	19%	54.28302	0%	45.51				
19	Tivoli Storage Mngt/GB Day	61%	0.00328	-1%	0.00204	87%	0.00205	0%	0.00110		
21	WAS per Image per Month	0%	304.48998								
25	Data Domain GB Day	0%	0.01303								